FALERS OURNAL

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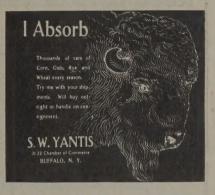
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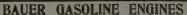






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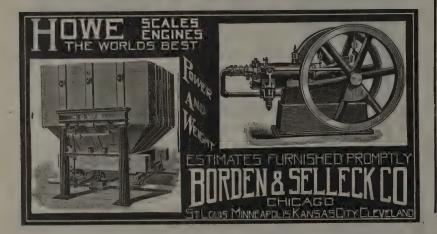
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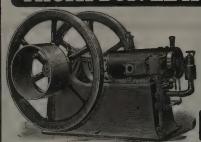
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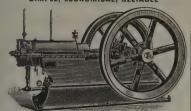
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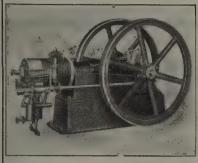
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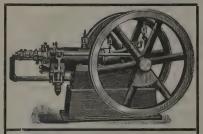
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255 La Salle St., Chicago, III.

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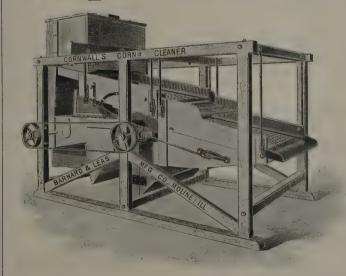
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FOR SALE—One new 20,000 bushel elevator in Southern Minnesota and three 15,000 bushel elevators in Iowa. For particulars address Lock Box 314, Luverne, Minn.

TWO GRAIN ELEVATORS for sale. Located in central Kansas on the Frisco and Missouri Pacific R. Rs.; wheat prospects good. For particulars address Krow, Box 8, Grain Dealers Journal, Chicago, III.

ELEVATORS FOR SALE: Line of seven stations in Iowa. To one wishing a nice safe business based on average of ten years, they will find this worthy of close investigation. Address Bers, Box 6, care Grain Dealers Journal, Chicago, Ill.

ELEVATOR FOR SALE in Western Illinois, in good wheat and corn country. Capacity 30,000 bushels, corn sheller, hopper scale and 25 h. p. gasoline engine. Building new and modern in all respects; large territory. A bargain for some one. Address Geo. A. DeLong, Foosland, Ill.

ELEVATOR & GRAIN BUSINESS: Coal bins and coal business together with small farm, town site and one stone building for sale. All on railroad midway between Blackwell and Ponca City, Kay Co., Okla., 9 miles from each town. This is a good live town and my business is a money maker. Good reason for selling. Address Vall, Box 9, Grain Dealers Joural, Chicago, Ill.

STINSON, MORRISON & CO. have four grain warehouses located on the Frisco Railroad in one of the best grain sections in Okla. Handled 165,000 bu. of wheat and oats last season; houses were built last season. Will sell all for \$2,000, one-third down, balance without interest till harvest and time on balance at reasonable interest. Address E. A. Stinson, Guthrie, Okla.

NEW WAREHOUSE, 50x70, three stories, for sale; Otto gasoline engine; private spur-track; best town of 600 population in eastern Nebraska; railroad junction. Ideal plant for feed and flour mill, also equipped for handling grain in bulk. Two cleaning separators, wagon scales, etc. Everything new and in first-class order. Address Nebraska, Box 8, Grain Dealers Journal, Chicago, Ill.

TO BUY SELL RENT or LEASE an ELEVATOR

Place an ad. in the "Wanted" or "For Sale" columns of the GRAIN DEALERS JOURNAL of Chicago. It will bring you quick returns, yet cost you onto 15 cents for line. Try it.

The GRAIN ALERS JOURNAL

ELEVATORS WANTED.

WANTED to buy or rent elevator. Address Box 154, Lesterville, S. D.

WANTED to buy elevator in Oklahoma. Address, W. H. Box 9, Grain Dealers Journal, Chicago, Ill.

FROM TWO TO SEVEN elevators wanted; will pay cash. Address Cash, Box 7, care Grain Dealers Journal, Chicago, Ill.

WANTED to buy or rent a desirable elevator in Nebraska or Kansas. Address giving particulars, S. P. O. Box 196, Kensington, Kansas.

ELEVATOR WANTED handling over 200,000 bushels. Any banking done in town? Address P. I., Box 7, Grain Dealers Journal, Chicago, Ill.

GOOD ELTR. wanted in exc. for a section of fine stock and grain land in southern North Dakota. Union County Investment Co., Elk Point, S. D.

WANTED to buy elevator handling not less than 200,000 bushels of grain annually. Address, Andrews Bros., Walnut, Ill.

.WANTED one or two elevators in the corn belt of Illinois; good business. Address Lake Box 9, Grain Dealers Journal, Chicago, Ill.

ELEVATOR WANTED in southern part of Minn. or So. Dakota; prefer Rock Island Road. Address W. E. C., Box 9, Grain Dealers Journal, Chicago, Ill.

GOOD INDIANA OK EASTERN IL-LINOIS elevator wanted at good grain point; 250-000-bushel business or over. Address 912 N. 10th St., Lafayette, Ind.

WANTED to rent on trial or buy, elevator in Nebraska or Iowa handling 200 cars or more, at once. Write description and price to W. M. Box 48, Friend,

WANTED to lease or buy city elevator; also, country elevators anywhere; give full particulars, price and terms. Address C. S. Northrop, 293 Dearborn St., Chicago, Ill.

ELEVATORS WANTED at good wheat stations on C. H. & D. system or P. & E. division of Big Four. Address W. A., Box 6, care Grain Dealers Journal, Chicago, Ill.

WANT TO EXCHANGE a fine farm for a couple of elevators. Farm in Faribault Co., Minn., banner county of the state; a No. 1 farm in every particular. Address Lock Box No. 117, Armstrong,

ELEVATOR WANTED in Iowa or Ilinois in exchange for a good farm, lo-cated in Palo Alto county, Iowa, valued at \$65.00 per acre; incumbrance \$6,100; will take elevator worth \$3,000, balance cash. Address Box 848 Spencer, Iowa.

WANTED a line of Elevators on either of the following roads: B. & O., Erie or Penn., west of Mansfield, Ohio, with whom we can make arrangements to buy wheat for us on a commission basis. Address, The Hicks Brown Milling Co., Mansfield, Ohio.

ELEVATORS WANTED.

GOOD ELEVATOR in good grain section, wanted in exchange for dwelling and three lots on good corner in the best county seat in Iowa and cash. Send full description of what you have to Jno. R. Wampler, Tipton, Ia.

WANTED to buy an elevator in Minnesota, Iowa or North Dakota where amount of grain handled in last 5 years equals 75,000 bushels and more for each elevator. On reasonable margin. Address, Lock Box 57, Dawson, Minn.

WANTED TO EXCHANGE our equity in a 400 acre farm in Lincoln Co., S. D., within 3 miles of the city of Sioux Falls, for a good elevator; will have to be a good one, as the land is choice, Address Lock Box 117, Armstrong, Iowa.

SCALES FOR SALE.

SCALES for elevators and mills; lowest prices. Chicago Scale Co., Chicago.

SECOND-HAND SCALES in condition for sale cheap. Standard Scale & Foundry Co., 22nd & Wyandotte Sts., Kansas City, Mo.

FOR SALE—30 sets of 42,000-pound Fairbanks-Morse Compound Beam Hopper Scales, as good as new. Can furnish framing timbers with these scales. Prices on application. Trans-Mississippi Grain Co., 532 Bee Bldg., Omaha, Neb.

ELEVATOR SCALES-We make a specialty of wagon, portable, platform, dormant, hopper and warehouse scales. Send for our latest catalog of elevator scales. Osgood Scale Co., 305 Central St., Binghamton, N. Y.

SCALES FOR SALE.

1 600-bushel Fairbanks Hopper Scale, compound beam, and levers \$125.00 beam below

I 6-ton Howe Wagon Scale, with 8x14 platform, \$60.00 I 6-ton Howe Wagon Scale, with 8x22 \$65.00 platform.

1 6-ton Buffalo Wagon Scale, with platform 7x20, \$55.00 1 4-ton Buffalo Wagon Scale, with plat-

form 7x14, \$50.00 I 2-qt. Fairbanks Grain Tester, \$6.00 All of the above are thoroughly re-\$6.00 fitted.

Address Allen P. Ely & Co., Omaha,

MISCELLANEOUS.

WOOL WANTED. I am in the market for Ohio, Indiana and Kentucky wools in large or small lots. State quantity, grade and price, f. o. b. Address L. Simonton, Lebanon, O.

LOCATIONS FOR ELEVATORS

Excellent locations for ELEVATORS on the Belt Ry. of Chicago (The Inner Belt). Àddress B. Thomas, Pres., Room 13, Dearborn Station, Chicago.

MILLS FOR SALE.

FOR SALE—A controlling interest or the entire 125 bbl. up-to-date flour mill. Bentley & Bentley, Augusta, Okla.

SALE—ONE FIRST-CLASS mill and elevator in county seat town. Address John G. Boyles & Son, Winamac,

FOR SALE or rent, flour mill in Crivitz, Marinette Co., Wis. Excellent water power, 5 rollers; new; easy terms. Address, A. G. Veith, Box 806, Milwaukee,

FLOUR AND CORN roller mill, All-free machinery, on bank Tennessee River, L. & N. and So. Ry. In the fertile Tennessee River Valley. Prices reasonable; easy terms; must sell before June 10th. Address, Florence Milling Co., Inc., Florence Milling Co., Inc., Florence Milling Co. ence, Ala.

100-BBL. BRICK FLOUR MILL. with all modern improvements, for sale. Large two-story brick warehouse; situated in center city of Jackson; splendid farming community. Mill runs every day; all local trade. Address, T. B. Taylor, Jackson, Mich.

FOR SALE—75-barrel sifter mill, all in good shape; suitable for elevator business; good town and large acreage of beans and hay; large warehouse; cost \$11,000; price now \$6,000, or will take parties with capital and experience in elevator business. Address Box 77, Mt. Morrie Mich Morris, Mich.

FEED, BUCKWHEAT and rye mill for sale. Good steam plant remodeled one year ago; central point of a good farming and dairying country; 34 miles from Chicago; steady demand for output of mill at all times; no competition; quick returns; price \$2,750; good reasons for selling. Address, F. W. Heck, Monee, Will Co., Ill.

FLOUR MILL LOGATIONS

OPENINGS for flour mills, feed mills and grain elevators are numerous along the several new lines of the St. Louis & San Francisco Railroad recently opened to traffic. These lines traverse some of the finest wheat and corn producing sections of the Southwest and opportunities for mills are numerous. The



through its Industrial Department is prepared to furnish full information regarding desirable flour mill locations. Send for copy of new handbook of information entitled "Opportunities."

M. SCHULTER

INDUSTRIAL COMMISSIONER

Frisco Building

ST. LOUIS. MO

SOLD ENGINE THRU AD.

II1.: John H. Doyle, Longview, "Please discontinue my advertisement in the Grain Dealers Journal, as I have sold my engine thru the ad., and could have sold one-half dozen engines if I had them."

ENGINES FOR SALE.

GASOLINE Engine for sale, 10-h. p. Temple Pump Co., 15th Place, Chicago.

ONE STEAM ENGINE, 12 x 24 Slide Valve, for sale. W. S. McKinney & Co., 204 Dearborn St., Chicago, Ill.

VERTICAL GAS ENGINE for sale, 15 h. p. Walter S. McKinney & Co., 204 Dearborn St., Chicago, Ill.

FOOS GASOLINE ENGINE for sale, 5 h. p.; nearly new. Address H. I. Martin, 1719 N St., Lincoln, Neb.

GASOLINE ENGINE for sale, 15-h p.; first class working order, but too small for our work. Hanna Pate Grain Co., Joplin, Mo.

LEWIS GASOLINE engine, 6 h. p., for sale; good condition; used 4 years; price \$150 here. Varney Mfg. Co., Leavenworth, Kan.

FOR SALE—One 35-h. p. White & Middleton Gasoline Engine, in good condition. John R. Lowrey, 12th & Izard Sts., Omaha, Neb.

SECOND-HAND Gasoline Engine, 15 h. p., Standard make; will sell cheap on quick cash sale. Address G. S. Crilly, 715 Adams St., Chicago, Ill:

FAIRBANKS-MORSE 54 h. p. Gasoline Engine for sale; run 2 years; will sell cheap. Address F. W. Seele, 408 Chamber of Commerce, St. Louis, Mo.

ADVANCE GASOLINE ENGINE, 13-h. p., for sale at \$425.00. If you want the best for the money, try the "Advance". Geo. D. Pohl Mfg. Co., Vernon, N. Y.

FOR SALE—One 12x20 slide valve engine, 65 h. p. and 34 ft. Fairbanks railroad or wagon scale; both in No. 1 order. F. W. Goeke & Co., 22 N. 2nd St., St. Louis, Mo.

A BARGAIN if taken soon: One 16 h. p. Leffel engine on skids and one 20 h. p. Hamilton engine on skids. Both in first-class condition. Charles Smith, New Carlisle, O.

OTTO GASOLINE ENGINE, 60 h.p., in first-class condition, for sale; reason for selling, not large enough to run our mill. Address, Macauley-Fien Milling Co., Rochester, N. Y.

GASOLINE ENGINES for sale. Our prices reasonable. All engines warranted for 5 years. You will save from 25 to 50 per cent in fuel consumption with one of our engines. E. G. Hicks Gasoline Engine Co., 206 Nicollet Av., Minneapolis, Minn.

SECOND-HAND GASOLINE Engines at a bargain. One 9 and one 14 h. p. Otto; one 22 h. p. Foos; one 6, one 15 and one 25 h. p. Fairbanks-Morse; one 10 and one 18 h. p. Lewis; one 30 h. p. Webster. Write A H. McDonald, 36 W. Randolph St, Chicago.

FOR SALE: One 10x14 Automatic Buckeye engine, in good running order; No. 1½ Blake steam pump, and one closed heater, two feet in diameter and 7½ feet high. If taken at once, cheap for cash. Address Farmers' Mill & Grain Co., Milnor, N. D.

ENGINES FOR SALE.

KEROSENE OIL ENGINES are the most satisfactory type. Send for Catalog. Int'l Power Vehicle. Co., 381 Dearborn St., Chicago, Ill.

ALL SIZES of the high-grade Lammert & Mann gasoline engines for sale. Also several second-hand engines of other makes and in good repair at a bargain; write for description and prices. Lammert & Mann, 155-161 S. Jefferson St., Chicago.

FOR SALE—The following gas and gasoline engines: 60-h. p. Foos; 65-h. p. New Era; 15-h. p. Lambert; 7-h. p. Otto; 5-h. p. Fairbanks; 6-h. p. Webster; 4-h. p. Foos; 3½-h. p. Des Moines; 2½-h. p. Fairbanks. Backus Gas Engine Co., 22 S. Canal St., Chicago, Ill.

GASOLINE ENGINES for sale; practically new

tically new.

1 1½-h. p. Fairbanks "Jack of Al Trades",

\$65.00

Trades", \$65.00

I I½-h. p. Webster, new engine, with torch igniter only, and oil tanks, \$65.00

I 2-h. p. Stover Gasoline Engine, \$60.00

I 3-h. p. Webster Engine, with torch igniter only, \$90.00

igniter only,

I 3-h. p. Webster Self-Contained Engine, with both electric spark and tube,

\$100.00

I 3-h. p. Vertical Foos Gasoline Engine, \$75.00
I 4-h. p. Webster-Lewis Gasoline Engine, with torch ignition, \$100.00
I 4-h. p. Webster Vertical Gasoline Engine, \$125.00

gine, \$125.00

I 5-h. p. Webster-Lewis Gasoline Engine, with torch ignition only, \$125.00

I 4-h. p. Davis Gasoline Engine, \$90.00

I 5-h. p. Webster Horizontal Gasoline

1.7-h. p. Foos Gasoline Engine, \$175.00
1.8-h. p. Standard Engine, made at Des
Moines; in use about six months, both
torch and electric spark, all complete,

Address Allen P Ely & Co., Omaha, Neb.

ENGINES AND BOILERS.

TUBULAR BOILER, 66 x 16, with fronts, in good order, for sale at a bargain. F. G. Ely, Traders Bldg., Chicago.

FOR SALE: One 15 h. p. upright boiler and engine, in excellent condition. Hoerlein, 3151 Cottage Grove Ave., Chicago, Ill.

FOR SALE CHEAP—A 75 h. p. steam plant. One 60 in. x 14 ft. Atlas boiler, 3½ in. flues; one 10 and 14x20 Atlas tandem compound automatic engine; one Brownell open heater, and one Dean Bros. boiler feed pump. All in good order; can be seen running every day. I want to sell this plant for delivery June 1st; will sell as a whole plant, or will split it up. Address J. H. Cline, Concordia, Kans.

OUR COMPLETE STEAM PLANT, consisting of 10x30 Reynolds Corliss Engine and 80-h. p. boiler, complete with grate bars and front; a No. 6 Stillwell Water Heater and Purifier; a No. 3 Dean Steam Pump for feeding boiler. Plant is now in operation; possession about May 1, 1904, as we want to replace same with a larger plant. For prices and further information, write Dodge Milling & Grain Co., Dodge, Neb.

ENGINES AND BOILERS.

COMPLETE STEAM OUTFIT for sale: 42 h. p. boiler, 35 h. p. engine, also 25 h. p. portable. These outfits are in good condition and can be seen running. Will sell cheap; for particulars and price write Rhinehart Smith, Sidney, O.

PARTNERS WANTED.

ONE-HALF interest in a fine 50-bbl. water power mill and elevator for sale. Well located on railroad; side track at mill door; doing good business. Address, D. J. Toombs, Metamora, Ind.

PARTNER WANTED in a splendid coal, grain and feed business in central lowa. Shipments for 1903 170,000, coal 2000 tons. Correspondence solicited. Address, Coal, Box 8, Grain Dealers Journal, Chicago, Ill.

GOOD PARTNER wanted, with ten or fifteen thousand dollars capital to buy half interest in one of the best elevator and wholesale grain businesses west of the Mississippi River. For further particulars address Partner, Box I, Grain Dealers Journal, Chicago.

MACHINES WANTED.

WANTED—One second-hand stand of elevators, complete, 12 to 16 inches. J. M. Hornung, Greensburg, Ind.

MACHINES FOR SALE.

BARNARD & LEAS Cleaner, No. 3, for sale cheap. F. G. Ely, Traders Bldg., Chicago.

SPECIAL BARGAINS in second-hand machinery. Write for Circular No. 20. We may have what you want or know where to get it. A. S. Garman & Sons, Akron, Ohio.

THREE MONITOR Oat Clippers for sale, capacity 1,000 per hour. Two Pease Separators, capacity 800 bushels per hour. Above in fairly good condition. Milwaukee Elevator Co., Milwaukee, Wis.

FOR SALE—One No. 4 Oat Clipper and one No. 4 Barley Scourer. Both machines Barnard & Leas make. Sold cheap if taken at once. For particulars address Stockdale & Reimers, Morrison, Iowa.

BELT FASTENER. Something new. Quickly adjusted; holds belt tight; can be used over and over again; saves all bother, worry and trouble. Good commission for selling. For particulars address W. A. Nutt, Urbana, Ohio.

WHEAT POLISHERS

FOR SALE

One No. 3 Victor Brush Polisher
One No. 4 " Smutter & Scourer

Above machines were made by Barnard & Leas. They are in good shape and are offered at low prices, by

Lexington Roller Mills Co. LEXINGTON, KY.

The Rate for Advertisements in above Departments is 15 cents per line each insertien.

The GRAIN DEALERS JOURNAL.

GRAIN WANTED.

WANTED—Alfalfa, Millet, Cane Seed, Kaffir Corn and Timothy Seed in car lots. W. H. Small & Co., Evansville, Ind.

WINTER WHEAT wanted. Quote prices, send samples. Ship Big Four or Pa. R. R., Ansted & Burk Co., Springfield, Ohio.

TIMOTHY AND CLOVER SEED, Leaming Corn and American Banner Oats wanted in car lots. E. W. Conklin & Son, Binghamton, N. Y.

GRASS AND FIELD seeds wanted. We are always in the market for all varieties. Address the Wm. S. Gilbreath Seed Co., Indianapolis, Ind.

QUOTATIONS wanted on Corn, Oats, Hay and Bran. H. D. Cothran & Co., Rome, Ga. References: R. G. Dun & Co. and First National Bank.

PRICES WANTED based on New Orleans delivery on corn, hay, oats and feed of all kinds. Write Covington Wh. & Com. Co., Ltd., Covington, La.

PRICES WANTED ON corn, hay, oats, flour, bran, meal, chops, feed all kinds. Best market south, Send sample. Wire; write. H. G. Smith, Birmingham, Ala.

J. H. KINKEAD, BROKER, will handle your account for hay, straw, grain and mill feeds. Terms, draft attached to bill of lading; make prices f. o. b. FAIR-MONT, W. VA.

WE WANT several cars good ear corn at once. Can pay good price for good crib corn. Also in the market for shelled corn-and hay. Address, Marietta Brokerage Co., Marietta, Ohio.

SEED CORN WANTED. Those having seed corn for sale will find it to their advantage to write us. Send samples and quote prices. The Steele, Briggs Seed Co., Ltd., Toronto, Ont.

MILLETS, HUNGARIAN and fancy bright Timothy wanted in car lots. Send bright Timoury was samples and prices. HENRY NUNGESSER & CO., NEW YORK, N.

· RELIABLE SHIPPERS of grain and hay, millers of flour, mill stuff, meal and grits wanted to send samples and wire delivered prices; good demand, reliable buyers. J. Henry Meyer, Augusta, Ga.

GOOD FLOUR and BRAN account wanted. We wish to contract the output either all or in part; references exchanged. Located Ft. Smith, Arkansas. Inquire W., Box 9, Grain Dealers Journal, Chicago, Ill.

OATS, CORN AND CHOPS wanted on consignment. I solicit consignments of Grain, Hay and Mill Products and will make advances on same. J. L. Perkins, Jr., Broker. Office and Warehouse, 110 Levee St., Vicksburg, Miss.

OFF GRADES, OATS AND WHEAT, ANY QUANTITY OR CONDITION.
SEND SAMPLE AND PRICE.
B. & O. ELEVATOR,
THIRD & W. FRONT STREETS,
CINCINNATI, OHIO.

GRAIN AND SEED FOR SALE.

SEED CORN, clover seed, wheat, corn and oats for sale. Address Kinsey Bros., North Manchester, Ind.

TIMOTHY, CLOVER AND FIELD SEEDS of all kinds; buy or sell. Write us. Ross Seed Co., Louisville, Ky.

FIELD AND GRASS seed for sale. When in need of anything in this line write us. We make prompt delivery. The Wm. S. Gilbreath Seed Co., Indianapolis,

HEADQUARTERS for Alfalfa, Meadow Fescue, Millet, Sorghum, and Kaffir corn seed. Address Kansas Seed House, F. Barteldes & Co., Lawrence,

CHOICE FEED BARLEY. Write for sample and price delivered your station for Feed Barley. Just the thing for grinding, and cheaper than corn or oats. Stockbridge Elevator Co., Jackson, Mich.

GRASS AND CLOVER SEED for BROMUS INsale. Headquarters for BROMUS IN-ERMIS, ALFALFA, genuine TURKE-STAN ALFALFA, DWARF ESSEX RAPE, ORCHARD GRASS, etc., in car-load lots, for immediate shipment. Write

for samples and prices.

Henry Nungesser & Co.,

Seed Merchants,

New York, N. Y.

ALFALFA SEED-We offer the best ALFALFA SEED—We offer the best kinds that grow. Seed is taken from Alfalfa that makes the best growth and best adapted to this country. We sell it more reasonable than others; recleaned seed \$13.50 per cwt. TURKESTAN ALFALFA, the Alfalfa that has proven such FALFA, the Alfalia that has proven such a great success on dry arid soils and will withstand more hardships than any other kind. We have the genuine article, recleaned, free from obnoxious weed seeds, for \$16.00 per cwt. Send for samples and send in your order. Catalog is free. Be friendly. Write us. Address A. A. Berry Seed Co., Box No. 105, Clarinda, Lowa

The Value

of an "ad" is not measured by what it costs, but by what it pays the advertiser.

HAY WANTED.

HAY Consignments solicited. Drafts for 75 per cent of value honored. Prompt returns. R. L. Chenery, Richmond, Va.

HAY AND STRAW WANTED on all roads. Liberal advances on all consignments. W. D. Jones, Buffalo, N. Y.

CONSIGNMENTS solicited. Will honor draft with bill of lading attached for three-fourths value. Prompt returns. S. T. Beveridge & Co., Richmond, Va.

OUR COMMISSION, 50 cents per ton. It will pay you to send for our mkt. report. If you have straw to sell, quote us. E. K. Lemont & Son, 465 Bourse Bldg., Philadelphia, Pa.

YOUR HAY
WILL GET
OUR
BEST SERVICE.
WRITE FOR
MARKET LETTER.
THE GALE BROS. CO., CINCINNATI, OHIO.

MISCELLANEOUS FOR SALE.

TILE MILL with all equipments complete for sale; also engine and boiler. All in good repair. For particulars call on or address M. M. Kennedy, Oxford,

FOR SALE OR RENT, a double store brick building in best farming country of Wisconsin; business connected with grain elevator, cheese factory and post off Address E. P. Neuens, Fredonia, Wis.

THE EVANS controllable wagon dump for sale; can be used with or without dump scales; absolute safety, control, great strength, durability; try our dump; if not the best after 30 days' trial, return it to Moulton & Evans, 909 E. 18th St., Minneapolis, Minn.

FOR SALE—2,400 ft. of second-hand 5-ply, 17½-inch wide rubber belt. 2,800 elevator buckets, 6 x 14½, four holes, with brace in center. Can furnish boots to go with this belt. Four steel pans, 168 in. long at top, 92 in. long at bottom, 60 in. deep. Prices made on application. Trans-Mississippi Grain Co., 532 Bee Bldg., Omaha, Neb.

GRAIN DEALERS JOURNAL 190
Gentlemen—Enclosed find One (\$1.00) Dollar, for which please send the Grain Dealers Journal on the 10th and 25th of each month for one year to
Name of firm
Capacity of Elevator Post Office
bus. State

KILN-DRIED CORN

HESS SYSTEM

ALWAYS COOL AND SWEET.

Made by

Armour Grain Co. Bartlett, Frazier, Carrington & Co. The Richardson Co. Frank Marshall Edward R. Bacon

Chicago.

Edward R. Bacon
J. J. Bryant Company
Northern Grain Company, Manitowoc, Wis.
Nobbe Bros., Farmersville, Ill.
Lewis I. Taylor & Sons, Earlville, Ill.
Whipple & Barr, Plainfield, Ill.
Bartlett, Kuhn & Co., Terre Haute, Ind.
Bartlett, Kuhn & Co., Evansville, Ill.
A. M. Ludeman, Wolcott, Ind.
Kansas Grain Co., Hutchinson, Kans.
Westwego Elevator, New Orleans, La.
Peavey & Co. (Midland Elevator Co.), Kansas City, Mo.
John I. Glover, Kansas City, Mo.
Brodnax & McLiney, Kansas City, Mo.
Updike Grain Co., Omaha, Nebr.
Peavey & Co. (Omaha Elevator Co.), Omaha, Nebr.
Duff Grain Co., Nebraska City, Nebr.
Cleveland Grain Co., Cleveland, O.
Union Elevator Co., Cleveland, O.

Your name on a card will bring my free booklet describing it.

GEO. H. HESS, JR.
707 TACOMA BLDG. CHICAGO.

CLEAN CORN

and clean it well if you wish to raise your grades. Corn always grades at the most discriminating markets when the INVINCIBLE CORN and COB SEPARATOR and CLEANER is used. Have you one in your elevator?



This machine will accomplish what is claimed for it. It will perfectly separate the cobs and pieces of cobs as the product comes from the sheller and fit the corn ready for market. Send for our catalog.

Invincible Grain Cleaner Co.

Silver Creek, N. Y.

REPRESENTED BY

W. J. Scott. 604 Traders Bldg., Chicago, Ill. Edw. A. Ordway, 512 Exchange Bldg., Kansas City, Mo. Chas. H. Scott, Nicollet Hotel, Minneapolis, Minn. J. N. Bacon, Balcherne Block, Indianapolis, Ind.



The GRAIN JOURNAL



GRAIN DEALERS JOURNAL

Published on the

10th and 25th of Each Month

BY THE

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CHARLES S. CLARK, Manager.

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Advertising Rates

furnished on application. The advertising value of the Grain Dealers Journal as a medium for reaching the grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth.

on subjects of interest to those engaged in the grain trade, and trade news items are always welcome.

Entered at Chicago, III., Post Office as Second Class Matter.

CHICAGO, ILL., MAY 10, 1904.

NEWS letters are always welcome. Let us hear from you.

WHEN shipping to St. Louis demand Merchants Exchange weights or suffer shortages and say nothing.

THE ABOLITION of duplicate car seals would remove one active aid to those who have been stealing from cars without detection.

POORLY coopered cars continue to arrive at terminal markets regardless of the instructions issued by country shippers to their loaders. Evidently the man behind the shovel needs more careful watching.

NEW YORK'S Consolidated Stock Exchange recently expelled three members for bucket-shopping trades. This will lend encouragement to believers in honest trading. The frauds should be driven to Monte Carlo.

ADVANCING markets have brought good luck to many shippers during the present crop year, and they are likely to lose all their profits and more next year. Methods must be changed to meet the changed conditions.

GRADING grain by guess is all right for the man who gains by the errors of the inspectors, but very unsatisfactory to him who loses. When the work of supervising inspectors and appeals committees is reduced to mechanical exactness, sellers will stand some show of receiving pay for what they ship and the buyer will get what the inspection certificate calls for.

THE annual meeting of the South Minn. and South Dak. Grain Dealers Assn. will be held in Minneapolis June 21, and all members will take a special train for the Milwaukee convention of the National Assn. that night.

SKIMMING returns to shippers is a crime for which the receiver who is a party to it should be punished, whether he does the skimming or employs somebody to do it for him. The principal is responsible for the acts of his agent.

THE effort to draw the Chicago Board of Trade in the differential fight between Atlantic seaboard ports is not meeting with success. Chicago is interested in obtaining as low rates to the seaboard as is possible and is not particular as to the name of the port.

RECONSIGNING charges are forbidden by the laws of several states and they should be by all. The law would be enforced in Illinois if the Railroad and Warehouse Commissioners were not so very busy trying to force their candidate for Governor upon the people of the

COUNTRY merchants who encourage grain growers to establish co-operative elevators may thereby divert the farmers' attention from the large profits of the retailer. Success is much easier attained in general merchandise than grain because the profits are larger and nothing need be handled at a loss.

BUFFALO'S elevator pool continues to work in the interest of the railroads and against the Erie Canal. A glimpse of the pool's plan for assisting the rail carriers to control eastern shipments of grain is shown by a decision of the Supreme Court of New York, quoted in "Suits and Decisions" this number.

TIPPING train men is all very well for the train men, and the grain shipper does not mind it much at the start; but as the demands of the train men become greater, it becomes easier for the grain shippers to see the folly of their practice. Those who have refused the abuse an opportunity to have a beginning at their station have much to be thankful

BUNCHING CARS or remitting all shippers at the average price obtained, the day their grain is sold, is not a practice that can be upheld by law, fairness or the rules of any grain Exchange. The shipper is clearly entitled to a settlement on the basis of the price at which his grain is sold, without any regard whatever to the prices obtained for shipment of grain received from other shippers. The detection of a receiver who indulges in such practices is very likely to cripple his own business as well as bring into disrepute any Exchange which attempts to protect him in making the false reports. Does your receiver report your sales at the average price of the day?

AGITATORS who are inducing farmers to subscribe for stock in co-operative concerns by falsely charging independent elevator men with robbing grain growers will soon be denounced for lying and stealing as is now being done by many farmers who have lost heavily in Kansas and Minnesota elevator schemes.

THE CHEAPEST machine, like the cheapest elevator, is generally the most unsatisfactory and the most expensive in the long run. It is sure to break down just at the time it is needed most, bring despair to the owner and drive business to the competitor. Machinery which can be relied upon to do the work needed is the only kind a grain elevator man can afford to invest in.

NEBRASKA has a new law providing for the taxation of grain elevators and grain firms, which is so very ambiguous that even the assessors and county attorneys are unable to agree as to what was intended by the law. The election of a few grain men to the state legislatures might result in fewer ambiguous regulations of the business.

PAINTING elevators with paint of inferior quality is the most expensive painting an elevator can be given, because it will soonest require a repainting of the house. The most of the cost of painting an elevator is for labor, and the labor required to apply paint that will stick and protect the house from the elements for years is no more than the cost of applying the cheapest stuff obtainable, which will crack, curl up and peel off the first time the sun shines on it.

PLUGGED loads of grain generally prove very expensive to the shipper who delights in taking chances, but occasionally a sleepy inspector fails to detect the deception and gives the entire car the grade of the choicest grain on top. Such was the case in a shipment told of in "Asked and Answered" column, this number. Plugged shipments are fraudulent and no buyer should be required to accept same, even tho the car did get by the inspector. The Exchange which forces a buyer to accept a plugged load passed by its inspectors no doubt wud be held liable for damages to the buyer for misrepresentation by its official inspector. It is the rule of every inspection department that each load of grain shall be given the grade of the poorest quality found in any lot. The proper way to check this fraudulent practice would be to force every

plugged load back to the man who did the plugging.

NO ASSN. can afford to tolerate a selfish infraction of fair dealing by any member because of his large contributions to the organization's revenue. Wrong is wrong, whether perpetrated by the largest line house on earth or the poorest independent dealer to be found. The assn. which winks at bulldozing tactics on the part of one and not all others is sure to bring disruption in its ranks. The rules should be the same for and in the interests of all.

A DEPARTMENT of grain sampling is very likely to be established by the Chicago Board of Trade soon as such action has been recommended by a joint committee, and the members will soon have an opportunity to vote their approval of the proposition. Heretofore the sampling has been in the hands of private individuals who have been given some official authority by the board. The establishment of the new department will place the chief sampler and all of his assistants directly under the control of the department, and a committee of five, which shall constitute a board of managers. The establishment of this department is sure to facilitate the work and insure more reliable and satisfactory service to all concerned.

CROP CONDITIONS.

A persual of the reports on crop conditions published in this number will convince any unprejudiced reader that a marked improvement has occurred in the condition since the collection of reports upon which the government report is based. In many sections late warm rains have brought life to the fields and smiles to the faces of farmers, who were about to plow up their winter wheat. In other sections, where the wheat had already been plowed up the acreage devoted to corn and oats is being increased. Warm weather and ample moisture is sure to work even greater improvement. The pessimistic crop experts felt it their duty to kill the winter wheat, but it would not stay dead.

THE COLLAPSE OF THE CHEAPEST.

THE collapse of a few more grain elevators should be sufficient to warn all grain dealers against striving after the cheapest in construction. Many barn builders take contracts to put up elevators at so low a figure that they cannot afford to provide a good foundation or sufficient material to build the house needed and desired by the dealer.

We have published so many excellent plans of well arranged elevators in the Journal, that it would seem impossible to find a grain dealer who would want to build his house in a way that would waste space, power and labor in a profligate manner, yet now and then we hear of new elevators that seem to have been designed and erected primarily for that purpose.

So much improvement has been attained during recent years in the economical arrangement and construction of country elevators that it would seem almost criminal to build them on the old, haphazard plan of cut and try. As many of our readers know, many of the old-time houses, when put to the test collapsed and fell in a heap.

RESULTS OF ORGANIZATION.

The early history of every trade will show it to have been heavily burdened with reckless, careless methods and absurd abuses, which made wide margins of profit absolutely necessary in order even to insure expenses to the trader. With organization has come the adoption of uniform rational methods which experience has proved practicable. Abuses of the early days have been abolished and a narrow margin as well as a living profit made possible.

Before organization country grain dealers thought it their duty to waste their energies and capital in stubbornly fighting one another, and the public egged them on, utterly oblivious of its own share in the cost. Commercial warfare invariably results in unnecessary waste and the public must bear part of the loss—ofttimes all of it.

Since the organizations have enticed the narrow dealer with his deep-seated prejudices, out to meet his brother dealers and discuss their common business troubles, all have been broadened and instead of fritting away the talents entrusted to their care, they invest them judiciously and with some regard for prices ruling in central markets where they must sell.

The courts have been relieved of many cases, which must now be settled before arbitration committees of the trade's associations. Arbitration robs the lawyers of many fees and reduces court expenses to the profit of the taxpayers and the disputants. Differences between members of the trade are settled with promptness, at small expense and without prejudice as to future business relations.

The establishment of trade rules, and the publication of the decisions of the arbitration committees, has given each dealer a clearer conception of his own rights. The maintenance of cordial relations thru membership in the same organization has filled each with a fairer consideration for the rights of others. Each has higher aspirations and the trade's ethics are raised to a higher plane. The grain trade is being rid of tricksters, sharpers and dishonest dealers; the business is be-

ing made safer for those engaged in it. Failures and incendiary sales to fire insurance companies are few.

Improved facilities for storing and handling grain are especially in evidence in organized territory. Greater precautions are being taken to protect and guard the grain at every step. The waste due to pilfering from cars, deterioration in store and transit in the old days was enormous. Correct scales and careful weighmen vigilantly watched thru the persistent interference of the associations, have succeeded the old-time slack methods in force at many terminal markets. Improvement in classification and grading have been begun.

The introduction of improved field seeds the compilation of more reliable crop reports, the reduction of the fire hazard and the cost of insurance can be traced to the associations.

In fact, the grain trade has been transformed from chaos to order by its organizations, and the producer and the consumer have shared generously in the benefits of the reforms effected by the middle men.

IMPROVEMENT OF CORN.

One of the most practical works undertaken by Iowa's very successful organization has been for the purpose of inducing the farmers to exercise care in selecting, testing and planting seed corn, it having been proved by extensive experiments that the state's yield of this cereal could be greatly increased without an increased acreage, if the farmers could be induced to exercise a thoughtful discrimination in their part of the work.

Last year the Grain Dealers Ass'n had Prof. Holden talk to the members and visiting farmers on this subject, and during the winter it has distributed literature bearing on the subject, in hope of interesting the grain dealers of the state and reaching the farmers through them. The ass'n has also managed several special trains which have carried Prof. Holden and other lecturers on improvement of corn over the state by different routes, stopping at each place long enuf to instruct the farmers in the rudiments of the work. It is decidedly, encouraging to know that at each station the lecturers were met by an interesting lot of corn growers. The ass'n also placed in the hands of 1000 careful farmers, at different points throughout the state, seed corn of superior values, which is to be planted in separate tracts.

Iowa has not gathered a good crop of corn for three years and no doubt much of the trouble has been due to careless methods. Should the farmers act on the recommendations of the professors of the Agricultural College the results would soon show themselves in an increased yield.

The GRAIN JOURNAL.

The experiment stations of Nebraska, Missouri, Illinois and Indiana are also working to improve the grain grown in these states, but no doubt the largest results obtained this season will be found in Iowa. Experiments conducted in Iowa last year in some districts showed the difference between careless and intelligent farming to be a yield of 16 bushels to the acre in the first case and of 72 bushels to the acre in the second case, an increase which is surely worthy of every farmer's effort.

FIREPROOF ELEVATORS WHICH ARE NOT FIREPROOF.

A marked advance in insurance rates during recent years has prompted many elevator men to provide what thought to be fireproof storage for their grain; and, as the readers of The Journal well know, some so-called fireproof structures have proved to be fire-traps. Experience has proved beyond all doubt that wood must not be used in the construction of steel elevators br tanks, that all combustible matter must be kept out.

An account of a fire is recited in the Pennsylvania column of this number, which again emphasizes the danger of building wood partitions in steel tanks. In this case the partitions caught fire and did some damage to the corn contained in the steel tanks. Grain on the side next to the fire adjacent to the tanks, was charred to a depth of five inches. This could have been prevented by constructing a fire-wall of brick or tile on the side of the tank exposed and using hollow tile instead of wood for partitions. The more attention country elevator builders and elevator men give to fire hazards of this character, the sooner can they confidently expect to obtain relief, not only from frequent fires and a suspension of business, but also from high insurance rates.

Watch for Errors in Freight Rates.

Dealers on the Milwaukee road in Iowa should take particular notice of Supplement No. 11 to G. F. D. No. 40755, which quotes a rate to Chicago, Milwaukee and common points of 17c on wheat and 14c on other grains from Mo. River terminii and also the following interior termini and also the following interformations: Des Moines, Boone, Linden, Redfield, Spirit Lake, Hartley, Storm Lake, Grant Center, Rodney and Mapleton. Now the fact is, these rates also apply to shipments originating at all intermediate stations to the East and South; but in many cases charges for the latter are still being based on the rates shown in the general tariff, and unless shippers assert their rights they are apt to be ov-

It is, of course, understood that no greater rate can be legally charged for a shorter than for a longer haul over the same line and in the same direction, and the R. R. tariff has this provision prominently printed on the cover; so that the overcharges mentioned have probably

been made in error. We are told that refunds applied for have been promptly allowed. There have been so many allowed. There have been so many changes in rates in the territory affected, during the past few months, that the billing clerks in the freight offices make frequent mistakes, and bills must be carefully about a state of the careful about a state of the caref frequent mistakes, and fills must be carefully checked when paid. A tariff similar to that above mentioned has also been issued to apply to River billing and should be on file at each station.

Program of Annual Meeting National Association.

The program of the eighth annual eeting of the Grain Dealers' Nat'l meeting of the Grain Dealers' Nat'l Assn., to be held in Milwaukee, Wis., June 22, 23 and 24, 1904, so far as completed is as follows:

Secretary's Financial Report. Adjournment at 5 p. m.

Adjournment 10 p. m.

THURSDAY, June 23rd, 1904, 9 a. m. Report of the Arbitration Commit-

Adjournment 12 m.

Election of Officers. Adjournment sine die.

Meeting of the New Board of Direc-

thorough discussion will follow each address and every delegate is requested

to be prepared to participate.

The third day will be devoted to sight-seeing and pleasure. The Milwaukee Chamber of Commerce is preparing to entertain the visitors on a grand scale.

Chas. Milan, a state grain inspector at East St. Louis, Ill., was arrested May 5 for "mashing."

It is a singular coincidence that in all the four years in which navigation has opened as late as this year, 1873, 1881, 1885 and 1888, the price of wheat has been high.

Time and Place of National Meetings.

In view of the recent animated discussion of the date for holding the annual meeting of the Grain Dealers National Assn., it is interesting to note the dates and places of the annual meetings which have been held beautiful. have been held heretofore.

The first meeting was held in Chicago Nov. 9th, 1896, and subsequent meetings as follows:

Des Moines, Ia., June 29 and 30th,

1897; Chicago, Nov. 2nd and 3rd, 1898; Chicago, Oct. 18th and 19th, 1899; Indianapolis, Ind., Nov. 20th and 21st,

Des Moines, Ia., Oct. 2nd, 3rd and 4th,

Peoria, Ills., Oct. 1st, 2nd and 3rd, 1902; Minneapolis, Minn., Oct. 6th, 7th and

Observations.

By Traveler.

How many grain dealers take pains to see that their cars are routed so as to arrive at destination within the shortest possible time, allowing for possible contingencies of delay which it is beyond their power to insure against? I believe that the majority do not give this subject any particular consideration or in fact realize just what they can do to conserve their interests. For instance, a shipper on the C., B. & Q. road recently loaded a "Q" car for shipment to a market about 120 miles distant. There were two routes via which it might have been controlled the programment of the pression of traight line to the sent. One was in a straight line to the junction of one connecting line; the other curved and twisted over a short but circuitous stretch to reach the other line, and that line was the one with which the Burlington road apparently has the closest traffic relations. Consequently their agent sent the car that way. As the load did not arrive at destination within a reasonable period, a tracer was started, and it developed the following facts:

The car had taken six days to go thirty miles on the initial line, as a result of the several changes in trains which had to be made, and an identically similar length of time to travel the remaining ninety or one hundred miles, part of which was in a congested switching district surrounding the terminal.

The shipper might have specified that his car should be sent over the other route, which was made up of two straight lines, and not more than seven days at the most would have been consumed—probably less. The railroad company would have interposed no objection to this; indeed, they could not. In the case cited advantage was lost of a favorable market, and the shipper got several cents less for his barley than he would have secured had proper precautions been

When shipments are made in the cars of a connecting line, I presume they must be routed over that line; at least, that appears to be the practice; but when the grain is loaded in the cars of the line on which one is located, or in cars foreign to any of the connecting lines, they can certainly be routed according to the shippers' desires. I would emphasize this point as one to which it pays to give attention.

Asked-Answered

NEW YORK INSPECTION?

Grain Dealers Journal: Will some shipper who has had experience with the New York inspection please state whether he has found that it makes a difference in the grading of the same grain for different firms?

Has the New York inspector the right to grade a car of rye No. 2 if it belongs to one firm, but No. 3 if it belongs to another firm?—Cincinnati.

MUST BUYER ACCEPT PLUGGED LOAD?

Grain Dealers Journal: We would like the opinion of readers as to the verdict rendered by our Arbitration Committee here in the case we had with another firm.

December 3rd, 1903.

CONFIRMATION.
B. F. Glover & Son Com. Co., Inc., City.
L beg to confirm sale made you to-day for account of Messrs.——, as follows:

lows:

1 car No. 3 or better yellow corn at the price of 49c bu. bulk deld. for local use. Add \$2.00 on account of switching.

This car is here at the I. C. terminals and inspects No. 3 yellow.

WEIGHTS to be ascertained at your Warehouse.

INSPECTION by BOARD OF TRADE.

Yours truly,

Broker.

DECISION RENDERED
BY
ARBITRATION COMMITTEE
In the Case of
B. F. GLOVER & SON COMMISSION CO.

We enclose copy of contract, which speaks for itself, dated Dec. 3d, 1903. Party of whom we bought, furnished a certificate of inspection dated the same day, which read No. 3 yellow corn, dirty. This car read No. 3 yellow corn, dirty. This car arrived at our elevator Dec. 12th. After raising the grain door and allowing some of the corn to run out, the car was found to be plugged. The grain door was shut down and the car sealed. The inspector was called and he inspected it "No. 4 mixed corn, very soft at bottom, plugged, yellow on top and almost white at bot-tom." We immediately notified the party of whom we bought, advising them that we could not accept the corn on sale made us and requesting them to furnish us with

disposition of the corn left in the car. They declined to be responsible for same and refused to give disposition. We sent them a statement allowing them for what corn ran out of the car before it could be stopped on a basis of No. 3 yellow corn, although it was only mixed, requesting them to pay back what we had paid them on the corn left in the car. They refused to do this, and we then notified them that was should call the corn totified them that we should sell the corn that was left in the car for account of whom it may concern, which we did. We then made a bill on these parties for the difference between what we paid them for the corn and what we obtained for it, which they would not pay; so we brought the matter before our Arbitration Board, with the result as per copy of the decision we enclose. You will note the committee state that we had no cause for action. We would like to have your views in the matter. Respectfully, B. F. Glover & Son Com. Co., New Orleans, La.

CORN CLEANER TO TAKE OUT PIECES OF COB AND FAULTY

Grain Dealers Journal: Will some reader of the Journal please tell us the names of corn cleaners that will take out the small ends of cobs from shelled corn and also separate the light, faulty grains of corn. Our cleaner does not take them out and over want one that will

out and we want one that will.

We have white corn, but our meal shows the effect of the pieces of cob, making it a dirty, white color. We must have white meal.—Lake & Griffin, San Marcos, Tex.

MINIMUM CARLOAD IN IOWA?

Grain Dealers Journal: I shipped a car of corn from Garden City to Alden, Ia., in the same county. We are on the Des Moines, Iowa Falls & Northern; and a rule that the minimum weight of a car of grain shall be 24,000 pounds is applied on our road, regardless of the capacity of the

The railroad agent at Iowa Falls claims

The lamoad agent at lowa Pans claims that the rule is one of their own.

The Illinois Central charged me for minimum weight, or 10% under capacity of car, and I was taxed \$8.45 penalty. Can I put in any claim for that and stand any show of collecting?

Is there a state law in Iowa fixing the minimum weight of a car of grain?—W.

F. Finch, Garden City, Ia.

Ans.: There is no specific minimum weight on grain in Iowa; but rule 5, which is quoted herewith, would govern: "Unless specially provided for in the classification or by amendment, 20,000 pounds will be considered a carload on freight rated in carloade third electrons. freight rated in carloads third class and higher, and 24,000 pounds on freight higher, and 24,000 pounds on freight rated in carloads lower than third class, 34 feet cars, inside measurement, being taken as a standard. Minimum weights of cars of other lengths will increase or decrease 3 per cent, per foot. (Illustration: 34 foot car 24,000 pounds, 33 foot and less than 34 foot 23,280 pounds, 34 foot and less than 35 foot 24,000 pounds.) When minimum weights are especially provided for in the classification or by amendment, those weights will or by amendment, those weights will govern regardless of the length of the car or of the above rule." Very respectfully yours, Dwight N. Lewis, Secy. Iowa Board of Railroad Commissioners, Des

Explanations More Effective Than Demands or Abuse.

By Spectator.

By Spectator.

While making a trip, not long ago, through Davison, Hutchinson and Bon Homme counties, S. D., I was frequently told of a case which stirred up considerable feeling among the dealers in that part of the country and for a time led to the virtual boycott of a prominent commission house, but was eventually adjusted to the satisfaction of all but one of those concerned.

It seems that at one of the stations near Mitchell a party whose name was not unlike Steele established himself as a "grain dealer" and had letter-heads printed bearing that legend. He tried to secure a warehouse on the railroad track, but, not being able to do so, rented one some distance from it and commenced scooping operations. Evidently he knew that such a course would meet with no encouragement from receiving with no encouragement from receiving houses; so he adopted the clever device of having his first shipment advised by a former elevator proprietor of the place, who recommended him to the best care of the commission merchants, and in making a draft against the load he had the local bank write a similar letter. How he managed this is not known, but its success was complete.

The commission merchants were, of course, glad to get a new shipper, particularly one who sent them as much business as did Steele; and they were indignant, some weeks later, to receive a letter nant, some weeks later, to receive a letter from one of their other shippers abusing them for handling the grain. It looked simply like a bit of "spite" work, such as has not been uncommon in the trade heretofore. If, as they had been reliably informed, Steele were a regular dealer himself, he had as much right to their consideration as anyone else, and the complainant was given a rather sharp reply. Further correspondence of an acrid nature followed; but the true character of Steele was not made clear to the commission merchants and they refused to discountenance him. discountenance him.

Then the matter was taken up with the firm's other customers in the counties the firm's other customers in the counties above mentioned, and things got into a frightful tangle, the regular dealers insisting that Steele be "turned down" without further delay, and the commission house refusing to be "bullied."

At this juncture, however, one of the line companies operating in that territory saw that there was some misunderstand.

line companies operating in that territory saw that there was some misunderstanding and wrote to the commission house in a frank and inoffensive manner asking by what reason they were guided in their course of upholding Steele, and an equally candid reply was received, from which it appeared that the commission merchants had simply been made the victim of a deception. From that point on there was plain sailing. It proved somewhat difficult to convince the receivers that Steele was not a regular dealer, but they were finally induced to make an investigation on the spot, and of course that settled it. that settled it.

This little incident has, in its outcome, This little incident has, in its outcome, had an excellent effect upon dealers throughout the territory affected; for many of them see as they never did before the futility of substituting demands or abuse for explanation; and it also shows the value of association work. Had South Dakota been better organized, such a misunderstanding would never have occurred, for the case would have been taken up at once by the proper authorities and probably settled without any fric-

Letters From Dealers

UNJUST RECONSIGNING CHARGE AT EAST ST. LOUIS.

Grain Dealers Journal: The grain shippers of this section regard the reconsigning charge of \$2 on grain from East Louis a great injustice.

Pressure ought to be brot to bear upon the board of railroad and warehouse commissioners to enforce their order in this matter. Yours truly, E. J. Jeffress, Edwardsville, Ill.

OIL BARRELS STILL TRAVELING.

Grain Dealers Journal: In the Journal of Feb. 25 was an account of two traveling barrels of oil; and they must be like John Brown's soul, for we received a letter to-day from the Valley Lard Oil Co. in regard to them.

Part of the wording of the letter is exactly the same as in the one published in the Journal, and about the only difference in the remainder is that the price is 25 and 18 cents instead of 28 and 19 cents, and the time of payment Sept. 1 instead of

We understand that some of the dealers in oil here received a similar letter. are evidently making some sales thru this method, or they would have become tired out before now. Yours truly, Maroa out before now. Y Mfg. Co., Maroa, Ill.

FANCY PRICES FOR CORRECT WEIGHTS.

Grain Dealers Journal: As a receiver Grain Dealers Journal: As a receiver I have been greatly interested in perusing the remarks made by Mr. Picker at Mexico, Mo., as reported in your valuable journal. If country shippers generally would read these over carefully and then endeavor to put themselves in the position of a commission merchant, so as to look at the several points from his stand-point, I believe much misunderstanding and unnecessary friction might be avoided in future. Most of what Mr. Picker said has been brought out before in addresses before different conventions; but I have never seen so lucid and forceful a statement in regard to the advisability

of reporting weights accurately.

I have a number of customers who take great pains in weighing their grain and in keeping the scales working perfectly, so that they can advise me when cars are loaded just how many pounds they contain; and I am usually able to place their shipments for delivery at interior stations, on the weights which they invoice, at a premium over prices obtainable for local delivery in this market. Unless I guarantee the weights I am not in a position to sell on such a basis, and I do not like to make sales to country stations otherwise, for the weights are nearly always short and my shippers kick about them, as a rule, whether they are or not. Since losing a score or more good customers, I have quit making sales for interior delivery except for the shippers whose own

weights are known to be accurate, and for them I am securing fancy prices.— C. O. M.

SUPERFLUOUS MOISTURE IN CORN.

Grain Dealers Journal: In your issue f April 25th I notice a correspondent asks to know approximately how much superfluous moisture there is in a carload of corn of say 50,000 pounds when it is real wet, and as I have been conducting some experiments in determining the moisture content of corn I will venture to reply to this question.

It is, of course, difficult to say just what is meant by "real wet," but I have seen corn that might be described in this way being handled in carload lots which, on analysis, showed 20% of moisture, so that the carload of corn mentioned would consist of 40,000 pounds of corn and 10,-000 pounds of water, but as your correspondent asks for the amount of superfluous moisture, I take it he desires to know the percentage in excess of ordinary, air-dry corn. Good dry corn contains from 12 to 14% of moisture. Assuming that 14% is about the average for "dry" corn in April, it will at once be seen that this 50,000 pounds of corn contains 6% of "superfluous" moisture, or about 3,000 pounds. Very truly yours, C. S. Scofield, Botanist in Charge of Grain Grade Investigations, U. S. Dept. of Agri., Washington, D. C.

KARGER BROS. BEING INVESTI-GATED BY THE CHAMBER OF COMMERCE.

Grain Dealers Journal: My attention has been called to the fact that you have criticised the Milwaukee Chamber of Commerce for not taking action in reference to some members, whom you allege to have been recently convicted of reporting consigned grain sold at a price lower than they received for it. I have not seen your paper but am told that is the substance of the statements upon which your criticisms are founded.

There are two important facts at variance with your position:

First, that a committee of the Board of Directors has for some time past been investigating the matter you refer to, and in due time will report the exact facts as it finds them to the Board, with charges, if it finds the reports or rumors involving the business conduct of certain members sufficiently well founded to war-rant the committee in making formal

charges; and
Second, that no members have been
found guilty of the crime you define. The
findings of a referee do not constitute a
criminal conviction. The Board of Directors can not try or convict a member upon a newspaper indictment or in any other manner than as provided in its rules. The Committee appointed by the Board of Directors is seeking for the Board of Directors is seeking for the exact truth, and if it finds that any members have been guilty of wrong-doing you may rest assured that the Board of Directors will not fail to punish them to the fullest extent that the rules of the Chamber of Commerce will permit and its good name and dignity demands. But the Chamber of Commerce can not afford to convict or punish any member without a full investigation and a fair and impartial hearing. Yours very truly, W. J. Langson, Secretary Chamber of Commerce, Milwaukee, Wis.

[The Journal for Jan. 10, Jan. 25, April 10 and April 25, 1904, contained expressions regarding the case referred to, yet the Committee was not appointed until April 15, 1904. If the findings of County Commissioner Scheiber are false, Karger Bros. have good grounds for damages. We are loathe to believe the Court Commissioner would basely libel the defendants in this case. If not guilty, why were Karger Bros. so anxious to settle with P. Weyer? Why did they pay him \$800 for settlement in full, when the Commissioner's decision called for only \$534.64 and costs?]

Late Crop Reports.

Orleans, Ind., May 9.—Crops have been bad in this section for the last few years and it makes the grain trade a little on the dull order.—Heise Bros. & Co.

Dixon, Cal., May 6.-The prospect for good crops here and at other places seems to be fairly good at the present time.— Geo. Ulsteen, secy: Grangers' Business

Lock Springs, Mo., May 7.—The crops are so backward this spring that the outlook for business this fall is not encouraging. However, it is impossible to say yet. No grain in the farmers' hands and many are out of feed, even for their teams.—E. R. Bumgarner.

Marquette, Kan., May 9.—The wheat crop is looking fine and we look for very near a full crop. Have had plenty of rain up to date and need no more to get crop thru. This locality is cleaned out of old crops and a very small amount in the hands of the farmers. Have a good acreage in for 1904.-U.

Millersville, O., May 9.—The grain trade in this section promises to be anything but satisfactory for the coming year. Wheat is almost a total failure in Sandusky and adjoining counties. True, much of the ground sowed to wheat last fall her hear recorded to the same to the same tendence. fall has been re-seeded to oats, but much of that is not sowed at this writing. The corn has been very bad to handle the past year.—Daub & Aldrich.

Mason, O., May 5.—Prospect for wheat crop poor; not over 65%. A great many fields to be plowed for corn and oats. Not much corn planted yet. Oats nearly all sown; very late. Pastures very late. Not very good prospect for hay; too many weeds. No corn to ship from this section. It is bringing 60 cents at Mason to farmers. No oats for sale. Wheat nearly all gone; not more than enough to supply the millers in this section.—Albert Dill. Mason, O., May 5.—Prospect for wheat

GOVERNMENT CROP REPORT.

The statistician of the Department of Agriculture, in his report issued May 10, gives the area of winter wheat in cultivation on May 1 as 27,083,000 acres, 15.4% of the area sown last fall having been abandoned. The present acreage is 16.7% less than that harvested last year.

The condition of the wheat remaining is 76.5, exactly the same as that of the entire area on Apr. 1; compared with 92.6 a year ago, 76.4 2 years ago, and a 10-year average of 84.2%.

Of the 4.022.700 ages about

Of the 4,932,700 acres abandoned 904,-000 are in Indiana, 713,000 in Kansas, 475,000 in Ohio, and 373,000 in Okla-

The condition of winter rye May I was 81.2%; compared with 82.3 Apr. I, 92.3 a year ago, 83.4 2 years ago, and a 10-year average of 89.5.

The GRAIN JOURNAL.

Books Received

GRAIN ELEVATORS is one of the most interesting brochures which has recently come to this office. It deals with grain elevators of all kinds and devotes some attention to the good points of each kind. It is profusely and handsomely illustrated and of interest to all who

CORN TRADE YEAR BOOK 1904, compiled by that esteemed authority, Geo. J. S. Broomhall, F. R. S. S., editor of the Corn Trade News, has just been issued. The book is a review of the world's grain trade, being a record of the world's chief cereal crops, prices, imports and exports, stocks, population. The great mass of statistical information tabulated is made much more valuable by the



Car in Which Grain is Brought to Bombay.

contemplate increasing their storage capacity. Copies may be had by addressing R. C. Stone, Springfield, Mo.

WISCONSIN STATE BOARD OF AGRICULTURE.—The annual report of the Wisconsin State Board of Agriculture for the year ending Dec. 31, 1903, is a volume of 408 pages, of which 41 are devoted to the crop and livestock statistics of the different counties, including the yields in 1902 and the acreage in 1903. The figures show that Wisconsin farmers are given to specializing in certain localities. Brown has nearly three times as many acres in wheat as any other county; lowa county is the leader in corn; Dane county leads in oats; Dodge county in barley and Adams county in rye; while St. Croix county has 9,800 of the 14,200 acres of flaxseed in the state; and produces 117,900 bus. out of a total crop of 159,532. By John M. True, secy., Madison, Wis.

accompanying editorial comment, whereby the student is prevented from drawing wrong inferences from the figures. About 150 pages are devoted to the separate statistics of each country; 12 pages to the life history of the wheat crop in certain countries for three seasons past; 5 pages to the reasons for the several extensive advances and declines in prices that have occurred each year since 1890; 25 pages to records of grain prices for many years back in different markets of the world, the figures for English wheat extending back 248 years. The Corn Trade Yearbook is indispensable to any grain-office as a work of reference. American readers can obtain copies by remitting the price of one guinea, or \$5.04, to the office of the Corn Trade News, Produce Exchange, New York, N. Y.

A bulletin on macaroni wheat has just been issued by the South Dakota Experiment station.

Grain Methods of India.

By E. A. Wetmore.

Bombay is the largest wheat market of India, and handles nearly all the wheat exported from the Empire, which is one of the greatest wheat producing countries. The first railroad into Bombay was completed in 1864, showing how recent are rail shipments. This city has a fine harbor, and its docks are of the best. The two principal shipping docks are the Prince and Victoria. Each is 1,000 feet wide, and capable of berthing sixteen vessels.

vessels.

The tracks to the docks are wholly inadequate as they will hold but a small percentage of the cars of grain received. Most of these cars are left on the outskirts of the city, and the grain is carted to the docks, while other cars are hauled to the docks, before unloading. The speed with which grain is handled considering the facilities is remarkable. A regiment of men and women, each with a sack always on the head, will unload the small car in a few minutes. Each car carries about 200 bushels of sacked grain. The filled sacks are carried from the train to the docks and transferred to the heads of other natives who dump them on the wharf. Later the sacks are carried to the derrick and made up in piles for loading. All this seems a needless waste of time but labor is scarcely taken into consideration as an expense, as it may be obtained for almost nothing. Men and women work side by side, doing manual labor; in the country four annas (eight cents) a day is moderate wages, and if a farm hand receives six annas (twelve cents) he feels well repaid.

well repaid.

A little scrap of conversation overheard between a farmer and friend will perhaps give some idea of the low wages. The farmer said, "My wheat was all ready to cut and not a single man could I get. As everyone was celebrating the Mohammedan holiday, I actually had to bribe to get help; it was nothing less than robbery, but I gave the women three and the men four annas over their regular wages."

Everything is done by hand. If you should attempt to persuade a farmer of the value of some labor saving device he would ridicule the idea of anything



Unloading Grain from Carts at Prince and Victoria Docks, Bombay, India.

being cheaper than his present method.
India has no grain elevators, and if she had they would probably be unprofitable. The loss of interest on the money invested, the wear and tear, repairs, etc., could not compete with labor at eight cents a day. One thousand men at \$80 a day, without a dollar invested in an elevator, would run to the wall the best plant in America.

The farmers are poor, financially, and in their methods of farming. Taxes are heavy, and possibly with a few excepno man owns his own land, but has a lease from the government, running from 20 to 99 years. The wheat is sown



Derrick Loading Grain Into Ocean Steamer at Bombay.

after the wet season is over, on account of the intense heat during that period. The kernels are small and hard. Farmthe grain usually being placed in a pit, leaves are laid over it and covered with earth. In this manner the grain may be kept a number of years without danger of spoiling, because of the climate. The export of wheat from Bombay is 7,500,-000 bushels a year.

Immense quantities of cotton are raised and shipped from India. Last year 1,800,000 bales were produced. There is some trading in future in cotton, and the larger ports have cotton exchanges.

The government issues reports as to the crop conditions, the same as the United States, on wheat, rice, cotton, indigo, etc. The offices of the grain merchants are not congregated in one vicinitizes building. ity or building, but are scattered from one end of the city to the other.

The natives know practically nothing of corn, as shown from the fact that durpeople donated 300,000 bushels to the sufferers, they parched it, not knowing how to prepare it for food.

In large cities alfalfa is carried beneath the hacks as food for the horses, while oxen hitched to carts carry hay in the same manner. In Bengal jute is raised extensively, and is sent to Calcutta for manufacturing purposes.

The method of grinding grain in the smaller towns of India is slow and crude.

Old women capable of doing nothing else simply turn a circular stone that crushes

the grain. Sometimes men jump up and down on the end of a beam working on an axis, the opposite end has a knob that strikes the grain in a stone cup and reduces it to a powder.

Seeds

The Dunkirk Seed Co., of Dunkirk, N. Y., is moving its warehouse and offices.

The crimson clover in Delaware was winter killed, reports J. P. Masten of Harrington, Del. None is growing.

Among the few displays of seeds from the south is one from the Ullathorne Seed Co., of Memphis, in the Tennessee building at the St. Louis World's Fair.

Clover seed is rapidly approaching the sual summer dullness. Shipments have usual summer dullness. Shipments have been fair this week. Receipts smaller. Speculation continues quiet. Crop reports mixed but more favorable than wheat. -C. A. King & Co.

Seed exports during the 9 months prior to Apr. 1 were 6,331,617 pounds of clover seed, 757,977 bus. of flaxseed, 11,392,058 pounds of timothy seed and other grass seeds valued at \$184,749; compared with 15,276,160 pounds of clover seed, 3,866,302 bus. of flaxseed, 16,104,918 pounds of timothy and other grass seed valued at \$565,-762 for the corresponding period of the preceding season, as reported by O. P. Austin, chief of the Bureau of Statistics.

Clover seed receipts at Toledo for the week ending May 7 amounted to 235 bags; compared with 273 bags for the corresponding week of 1903. Receipts for the season have been 121,470 bags; compared with 96,708 bags during last season. Shipments for the week ending May 7 amounted to 2,118 bags; compared with 95 bags for the corresponding week of 1903. Shipments for the season have been 114,378 bags; compared with 121,584 bags during

Russian reds are closing in; a big trade is doing, and stocks are getting depleted. French find free buyers, but have only the weathered seeds to handle, and prices

ness, and left the might-have-beens to more sanguine temperaments. The starmore sanguine temperaments. The startling result remains that no consignments in London, Liverpool or Glasgow are now awaiting buyers, as is the usual annual result.—London Corn Circular of Apr. 19.

Toledo has adopted a new rule. Boards of Trade are organized to benefit their members as well as the trade at large. members as well as the trade at large. There are some tricky people who delight in trying to defraud. Any member who suffers from such can file a complaint with the Board. The party will be given a chance to be heard. If proven guilty, the other members of the Board will be prohibited from trading with or for them until the difference has been adjusted. There are some tricky seed dealers who are liable to be deprived of the privilege of making their hedges here, the only market where they can trade freely in futures.-C. A. King & Co.

Seed receipts at Chicago for the week ending May 7 were 702,020 pounds of timothy seed, 14,406 pounds of clover seed, 758,420 pounds of other grass seed and 31,799 bus. of flaxseed; compared with 756,180 pounds of timothy seed, 1,300 pounds of clover seed, 183,600 pounds of other grass seed and 25,425 bus. of flaxseed, for the corresponding week of 1903. Shipments for the week ending May 7 were 398,150 pounds of timothy seed, 117, 440 pounds of clover seed, 914,320 pounds of other grass seed and 6,426 bus. of flaxseed; compared with 1,520,412 pounds of timothy seed, 69,595 pounds of clover seed, 59,368 pounds of other grass seed and 6,426 bus. of flaxseed for the corresponding week of last year.

Malt exports during the 9 months prior to Apr. 1 were 315,698 bus.; compared with 260,720 bus. during the corresponding period of the preceding season.

Buckwheat exports during the 9 months prior to Apr. I were 30,773 bus.; compared with 116,885 bus. during the corresponding months of the preceding season.

Corn oil exports during the 9 months prior to Apr. I amounted to 2,691,175 gallons; compared with 2,854,732 gallons for the corresponding period of the preceding



TIME Old Women Grinding Grain at Jeypore, India.

are reasonable, in all conscience. cans have come down with a flop, but too late—like the "foolish virgins" their oil is all burnt up, and they are left. Canadians, with true Scotch caution, have taken time by the forelock, done the busi-

Imports of beans and peas during the o months prior to Apr. I amounted to 797,577 bus.; compared with 1,002,228 bus. during the corresponding period of 1902-3, as reported by O. P. Austin, chief of the bureau of statistics.

Annual Meeting of Nebraska Grain Dealers

The annual meeting of the Nebr. Grain Dealers Ass'n was called to order in Lindell Hotel, Lincoln, Apr. 27, 10:30 a. m. by Pres. J. W. Holmquist of Oakland, who said:

I want to congratulate you on the continued prosperity of your ass'n. When I took hold of the work last year, it was with considerable misgiving. Succeeding as I did an executive of recognized abilas I did an executive of recognized ability and with no experience, I was not
confident of meeting all the difficulties
presented. Then, too, we lost our old
Sec'y, who had brought the work to a
high degree of perfection. As this is a
business meeting, I will not detain you
further, but call for the reading of the
minutes of the last annual meeting.
Sec'y H. G. Miller read the minutes of
the last meeting which were approved.

the last meeting which were approved.

Mr. T. A. Bryant and A. H. Bewsher were appointed a committee to collect the railroad certificates.

Sec'y Miller read his report, from which we take the following:

SECRETARY'S REPORT

SECRETARY'S REPORT.

In submitting this, my first annual report, the sixth of your Association, I will ask your attention and indulgence for a moment before passing to the regular business of the Association.

The spirit of co-operation seems to be in the air. It might be likened unto a germ that has produced an epidemic, which in spots is sweeping the country and which would appear to be directed particularly against the elevator interests, not only in your own state, but in all the grain producing states, north, south, east and west. It is confined to no particular locality, being more virulent in some sections, however, than in others. In fact, it may be truthfully said that this movement embraces not only the elevator interests, but many other lines of business as well.

As far as the grain trade is concerned, in respect to this movement in this state in the past, beginning about '89, it is not necessary to go into details. Nearly all of you were in business then; you are familiar with it; you felt its effects and know its history.

The ultimate and only possible outcome.

you were in business then; you are familiar with it; you felt its effects and know its history.

The present epidemic must run its course. The ultimate and only possible outcome is written in the history of the past.

Notwithstanding the great advance in the market, some failures in the co-operative concerns have already been written. On the other hand, some farmers' shipments, delayed in transit and catching the advance in market, have netted some very fancy prices, the news of which has spread like a whiriwind and which, in view of the agitation among the producers at present, has enabled the principal agitators, who are reaping a harvest in the shape of large salaries (Butler getting \$3,000 and expenses) to inject life and energy into the new scheme recently formulated in Omaha in the shape of a gigantic corporation consummated a few days ago, in taking out incorporation papers in South Dakota.

Something had to be done. The foundations upon which the recent agitation began a little over a year ago showed signs of crumbling and giving away. The continuation of the salaries of the promoters began to look dubious. The new corporation is born. Its backers a few agitators. Its capital of gigantic proportions. Its basis naught but fine spun theories.

This great corporation is to revolutionize not only the grain business, but the packing interests, the live stock interests and other business as well. Disaster must be the enrichment of a few willy promoters and consequent loss of innumerable small stockholders.

Just so on the other hand will a departure from good business tenets on your part bring adverse conditions.

Why are so many of you here to-day? It is to become better acquainted; to exchange ideas; to learn of each other; to discuss to the rights of each other; to discuss

questions of mutual interest; to try to develop better conditions with reference to evils incident to the trade.

In this world, in our business, in our social relations, we are all dependent upon each other. "Useless each without the

accial relations, we are all dependent upon each other." Useless each without the other."

The grain dealer is dependent upon the producers, and your relations with him are questions of vital import and moment.

Now, let me impress upon your mind, and I want to make it as emphatic as I possibly can, that a spirit of confidence and cordial relations as between the grain men and the producer is of paramount importance. It is a matter that should engage your serious attention. The producer is a business man in his chosen field just as much as you are in yours.

Your relations are inter-dependent and should be of the most friendly character. The producer is entitled to fair business consideration and nine men in ten will not object to fair and reasonable margins of profit on your part. You are entitled to that, but they will object to abnormal profit. They have a right to do so. They would not be protecting their legitimate business interests if they did not.

If abnormal margins, which granting for the sake of argument, could be obtained, are taken, confidence is lost and the grain grower will as a natural consequence take measures to protect himself, and you cannot blame him. Not only does it antagonize the producer, but other interests, besides making conditions ripe for the coperative promoter, who is not slow to take advantage.

These suggestions are not fanciful theories, but cold, incontrovertible facts. "As you sow, so shall you reap" is a sentiment as applicable to questions of business as to questions of morality.

TRADE CONDITIONS.—You have had many adverse conditions to contend with during the past year. Your crops have been below normal in yield, especially on corn. Your wheat crop in yield was somewhat below the average, but in the shape of quality very bad and far below anything prevailing in your state for many years.

This has made conditions hard in buying wheat. It has made it hard to buy at a

somewhat below the average, but in the shape of quality very bad and far below anything prevailing in your state for many years.

This has made conditions hard in buying wheat. It has caused much dissatisfaction with the producer.

Not only have your crops been below the average both in quality and in yield, making it hard to handle, but there has been much feeding of stock in sections, too, where crops were very light, resulting in taking practically all of the corn, leaving little for you and consequently no profit on your investment.

You have had to contend with farmers' elevators, most of which concerns began business during the past year. These started in business apparently on the theory of rule or ruin. Rule in respect to controlling the business with their many stockholders, who, under their constitution and bylaws, are compelled to pay a fine in case of selling to competing elevators, and consequent ruin to their competitors.

Notwithstanding all these adverse conditions, your business during the past year has been fairly prosperous.

MEMBERSHIP.—The splendid conditions shown on the last annual report left but little in this respect to work upon. However, it gives me pleasure to state that, notwithstanding the many trying conditions prevailing throughout the state, it has practically held its own.

Notwithstanding that 22 have sold out, several resigning and the suspension of several for various causes, we have the 1st of April, 275 members, representing 864 houses, last year. Since the 1st of April, several new members have been obtained.

There are some dealers who have in the past few months succeeded to former members, with whom we have had no opportum.

tained.

There are some dealers who have in the past few months succeeded to former members, with whom we have had no opportunity as yet to take up the question of membership and who I have no doubt will eventually come in.

Here is an opportunity for you who are in competition with new dealers to do good missionary work. Co-operation in this respect with your Secretary will produce good results.

FINANCES.—You will note from the report of your Treasurer that the finances of the Association are in a healthy condi-

tion. The balance is not quite so large as last year at this time by about \$260.00. The expenditures in some respects were heavier than last year, and in others, on the other hand, considerably less. And but for the several appropriations made at your last annual meeting, amounting to \$100.00, and which have since been paid, less \$120.00, which was returned, leaving a net charge against appropriations of \$380.00, your balance would show a little over \$2600.00.

COMPLAINTS AND CLAIMS.—While I am not familiar with conditions in this respect in previous years, but that you should have a good many complaints under this year's crop conditions is but natural, and there have been many. The principal source of these complaints (I am safe in saying 75 per cent of them) have had their origin in the different views of the different dealers with reference to values on your low grade wheat. With something near normal conditions, with reference to quality, 90 per cent of the complaints of this nature would be obviated.

Again, another source of troubles has been due to the freight rate situation, due to disagreements between the various competing for the same business there has been a difference in freight rates at times as high as 5c a hundred, compelling dealers on some lines in meeting competition to take care of the business that naturally belongs to them to be handled at a loss.

I am happy to state that these unstable freight rates will probably not annoy much longer, a tentative agreement having already been arrived at by the transportation companies. A stable freight rate proposition is a consummation devoutly to be wished for. It will conserve the interests of all in many ways.

Again, most of the co-operative concerns began business during the year. In the beginning of their operations with their policy of "rule or ruin," you have had much to contend with. It is to be observed in this connection, however, that after a few months, more or less, as the case may be, realizing that the basis upon which they case to-day

making basis, and in the future complaints from these sources will be fewer.

LOCAL MEETINGS.—It is hardly necessary for me to say to you that through the medium of local meetings more good work has been accomplished in many and various ways for the good of the grain trade at large than through any other source. I believe it can be truthfuly said that it is the foundation stone upon which the success of Association work is built.

With one or two exceptions, meetings were held in every district at least twice—just prior to the movement of the wheat crop, and later, just before the movement of the corn crop. Nearly all of these meetings were well attended and enthusiastic. Special meetings have been called in a number of cases.

I thoroughly believe in this feature of the work. At the same time, for various causes, with which you are familiar, in some districts it has been deemed inadvisable to hold these meetings.

ble to hold these meetings.

WEIGHING AND INSPECTION DEPARTMENT.—Not much can be said with
reference to this subject at this time.
Several meetings of your Committee have
been held. The rules and regulations
adopted at your last annual meeting governing inspection have been embodied in
booklet form and sent to all the members.
Also certificates of inspection, certificates
of weights and bad order car reports
printed.

Upon application of the Control

of weights and bad order car reports printed.

Upon application of the Central Granaries Co., there has been appointed inspectors at Rulo, Dec. 29th; at Holdrege, Dec. 21st, and at Lincoln, Dec. 25th. Under the same application, a weighmaster was appointed at Rulo, Dec. 29th.

Upon application of the Hayes-Eames Elevator Co., an inspector was appointed at Table Rock.

Upon application of Nye-Schnelder-Fowler Co., an inspector was appointed Dec. 29th at Fremont.

Upon application of W. H. Ferguson, a deputy inspector was appointed at Lincoln, Jan. 14th, and March 22d, upon application of the Nebraska Elevator Co., an inspector and weighmaster were appointed at Valparaiso.

In all except one instance, these applicants for inspectorships before their appointment were personally examined by your Committee as to their fitness for this work.

The GRAIN JOURNAL

This department of your Association has had a beginning too recent and too little has been done as yet upon which to base an opinion as to whether it will be a success or not.

Up to April 1st, this department stands indebted to this Association to the amount of \$20,22, but since this time \$7.50 has been received, leaving a net debit balance of

received, leaving a net debit balance of \$12.72.

ARBITRATION.—At the last annual meeting provision was made for an Arbitration Committee, to be composed of three members, for the purpose of handling arbitration cases which before were handled by your Governing Committee.

Pending the change in administration in this office, this Committee was somewhat slow in beginning its work. The chairman appointed at the last annual meeting was unable to serve and in his stead was appointed Mr. S. J. Bell.

I refer you to the Committee's report for details.

In conclusion, let me say that I came to you nine months ago, new, untried and unfamiliar with association work, and whether I have served you satisfactorily or otherwise, I want to thank you for your hearty co-operation and your loyal support. Upon your loyalty, interest and entusiasm depends the success of the work of this office.

To Mr. Bewsher, your ex-secretary, who served you so long and so ably, I desire to extend my thanks for his assistance and co-operation.

The Sec'y's report was adopted as read.

The Sec'y's report was adopted as read. Treasurer Miller read the following report, which was adopted as read:

TREASURER'S REPORT.

(DECEIPTE)

Balance on hand April 1, 1903.\$1891.64	- 5
Dues 5081.30	
Fees 49.50	
Interest 15.00	
Advertising 320.50	
Arbitration, Received\$88.01	
Arbitration, Paid out 49.90	
Arbitration, Balance	
Donation	

	7421.05
DISBURSEMENTS.	
220202222222	
Office furniture	8 103.00
Printing	293 10
Printing	440 26
Tolland and delegant	185.34
Telephone and telegraph	
Office Supplies	89.04
Collection and Exchange	23.04
Office rent	268.75
Donation (Geo. S. Hayes), Express	
60c	100.60
Expense Governing Committee	72.49
Expense Excursion Committee	28.96
Expense Weighing and Inspec-	
tion Dept., Paid out\$56.62	
Expense Weighing and Inspec-	
tion Dept., Received 36.40	
tion Depty Itecorrea 80.10	
Firmer Tital all land and Town	
Expense Weighing and Inspec-	
tion Dept., Balance	20.22
Special Account, Appro-	
priated\$1000.00	
Cash ret'd 120.60	

Balance	879.40
Stenographer's Salary and extra help	616.25
Secretary's salary-A. H. Bewsher,	
3 months	812.49
Secretary's salary-H. G. Miller, 9	
months	1499.95
Secretary's traveling expense	345.86
Balance on hand April 1, 1904	1633.30

Sec'y Miller read the report of the Arbitration Committee, which cited 23 arbitration cases.

Sec'y Bewsher of the Excursion Committee read the report, which showed a balance on hand of \$548.50.

The financial report of the Committee accepted.

The Excursion Committee mended that \$500 of the surplus be de-posited and kept in an Excursion Fund for future excursions and that \$48.50 be turned into the general fund of the As-

A vote of thanks was tendered the Ex-cursion Committee for its excellent work. Pres. Holmquist called for the appoint-

ment of nominating committee and the

following were appointed by the members: N. B. Updike, C. & N. W.; C. W. McConaughy, B. & M.; F. P. Lint, Mo. Pacif.; A. H. Bewsher, Union Pacific; T. D. Worrall, C. R. I. & P.; A. F. Brenner, M. & O.; D. J. Kennedy, No.

D. Hunter, Pres. of the Grain Dealers Union of S. W. Iowa, was called for and said: It is with a good deal of pleasure that I meet with you this mornthe work of the National Ass'n and I be-

lieve you should help to support it.

The secretary of the National Retail
Dealers Ass'n has instructed all of its members to have nothing to do with any co-operative move, the purpose being to check the work of the Right Relationship League, which is establishing stores all over the Northwest. The officials of the League discourage the building of elevators and encourage the establishment of

The Happy Trio.



Secretary H. G. Miller.

President Jas. Bell.

T. D. Worrall.

ing. You have been working in harmony with our members and I thank you. One section of our territory lost its crop by hail and some of your members thoughtlessly shipped grain to feeders of our section. As soon as your attention was called to the dependence of our dealers upon the grain shipped in, you stopped and we assure you we appreciate your consideration. When you are dried out and need corn to supply your local trade your possibly customers can not buy it of us, except through you. (Applause.)

I am glad to see you continue to prosper under adverse conditions and legislation.

I did not come here to talk, but I am here and I am going to say a word to you in behalf of the National Ass'n. You are profiting by its work and I doubt that you are willing to share in the benefits without bearing a part of the burden. Its work in the terminal markets has materially improved conditions where materially improved conditions where you do business, and more is to be done. If you affiliate with the National Ass'n it will cost you but one dollar a year per member and your sec'y will become a member of the advisory committee, meet with the other secretaries and get the benefit of their experiences and their assistance and advice.

A. F. Brenner: I wish to endorse every thing Mr. Hunter has said. Through the efforts of the National Ass'n's Advisory Committee Public Weighmen have been established at New Orleans and the serv-

ice of the Weighing Department at St.

Louis has been greatly improved.

The National Ass'n is working earnestly for national legislation in which all of you are interested. You profit by

co-operative stores. They tell the farmers that the average profits of the grain dealer can readily be determined. If too large they can get cars and ship their grain, without an elevator, but in order to determine the profit of the grocer, the dry goods merchants, etc., he must be well posted. Heretofore, many local retail merchants have been active promoters of cooperative elevators, but henceforth we may expect them to discourage such moves. It is an encouraging sign to the grain merchant.

Adjourned to 1:30 p. m.

AFTERNOON SESSION.

The meeting was called to order at 2:20 p. m. by Pres. Holmquist who called for the report of the nominating committee

T. D. Worrall presented the report of the nominating committee as follows: For Pres. James Bell, David City; Vice-president, W. B. Banning, Union; Gov-erning Board: F. Fowler, Fremont; C. A. McCloud, York, and T. D. Worrall, Lin-

The report was adopted unanimously

The report was adopted unanimously with applause.

Mr. Bell was called for and asked what was being done.

I don't understand. I am taken unawares and ask a minute to catch my breath. [Laughter.] I wish to tell you that I think you have made a mistake. I have never held such an office and feel incompetent to fill it. Thirty-three years ago, when I first came to this state, we held a meeting in Polk Co. to select a county superintendent and I was nominated. I objected on the ground that I was not fitted for the office. The chair-

man, with a simmering smile, looking around the room said, "Well, Bell, you are the best we have." [Laughter.] If you insist all I can say is that I will

do the best I know how.

A. H. Bewsher moved that the excursions be held semi-annually. Car-

Sec'y Miller announced that he had invited a Professor of the Agricultural Department to address the meeting, but his wife was taken sick and he is detained at home.

I have received an invitation from the Sec'y of the National Ass'n for all of our members to attend the annual meeting of that ass'n in Milwaukee, June 22,

23 and 24.
J. W. Holmquist: I attended the last annual meeting of the National and had a good time. Uncle Dick and the others can get a box full of fun by attending that meeting. I think the time has come when we should affiliate with that organization. I would like to hear Mr. Evering's views.

F. B. Evering: At one time I was opposed to affiliating with the National, but

I am not now opposed to it.

A. F. Brenner: I wish it understood at I did not come here to lobby for the National, but I came here as a member of the Nebr. Ass'n.

W. S. Washer: In order to get the

matter formally before the house, I move that the Nebr. Grain Dealers Ass'n af-filiate with the Grain Dealers National

Ass'n. Seconded.
F. P. Lint: I think the time has come when this Ass'n should join with the National. It would cost us but \$1 per year for each member. Our Sec'y would then meet with other secretaries of the Advisory Committee, and help to advance

Advisory Committee, and near to account our interests in the terminal markets.

G. J. Railsback: I do not see the need of the National Ass'n. It is doing the need of the National Ass'n. succeeding in our work. Let them care

for their own. C. W. McConaughy: Most of us have come a long way and are anxious to get through with the work of this organization and return home. Every time we come here we waste much time in chewing the rag about this National Ass'n. If we want to act on this question each member should be notified in writing and given a chance to express himself. I doubt your right to vote two-thirds of our membership, who are absent, into the National Ass'n.

D. Foster and G. F. Milbourn fa-

vored affiliation.

A. B. Nelson of York opposed affilia-tion and asked for information. F. P. Lint: I move as an amendment to the motion that our secretary submit this proposition to the members by mail with full information and ask for an aye and nay vote. · Seconded.

Mr. Railsback moved as amendment to the amendment that the vote be taken at the next annual meeting. Seconded.

Mr. Bewsher moved as a substitute for the motion and amendments that a committee of three be appointed by the chair to attend the Milwaukee meeting of the National Ass'n and have power in con-National Ass'n and have power in conjunction with the Governing Board to act for the Ass'n. Seconded and lost.

Mr. Railsback's amendment was lost

by a vote of 43 for, 50 against.

Mr. McConaughy: I see from the discussion that there has been a lot of lobbying on this question. Every time we come here we waste 3 or 4 hours

chewing the rag on this question. Affirmative action would cause the breaking up

of the Nebr. Ass'n.
J. J. Trompen: Mr. McConaughy is still making the same objection to this amendment as he did to the original. His point is not well taken. The amendment will give just what he is contending for

ing for.
Mr. Lint's amendment was lost.
T. D. Worrall: Having disposed of the amendments we are now down to the original motion and, gentlemen, it merits our serious consideration. Recently I have visited St. Louis, Kansas City and other terminal markets. While at St. Louis Mr. T. R. Ballard, a life long friend and grain man of experience, com-plimented me on the fact that the Nebr. Ass'n had never gone into the National Ass'n. He said it would do us no good as it did not amount to anything. If we go in our association will lose its identity and be controlled by the National Ass'n. Surely you do not want this.

The vote was 37 for, 53 against. The motion was declared lost.

Vice-president Banning was called to

the chair.

J. M. Elwell: It seems to me that we could discuss the assessment of elevator property with profit. Much injustice is done at present. I have seen the instruc-tions to our assessor from the state board and it requires him to assess the grain on hand April I as well as the average amount carried during the year

J. J. Trompen read from the morning Journal record the assessment of grain men as follows:

ASSESSING GRAIN DEALERS.

ASSESSING GRAIN DEALERS.

The grain and elevator men of the state have been worrying a great deal to devise a way to ascertain their average capital which is assessable under the new law. County Assessor Miller has figured out a way to arrive at this value and has given instructions to his deputies to apply wherever they have an elevator. This was rendered necessary by the small averages that were returned in some instances. Mr. Miller has one return indicating the average capital to be \$38. This would be true perhaps if the capital were turned every day, but he figures that it is turned about twenty times a year, and he has formulated rules on this theory.

A letter which Mr. Miller has written gives the following directions:

"There seems to be trouble in getting a uniform assessment for grain men, who seem to be using different methods in determining the average amount of capital invested in the business. You are instructed:

"First—Determine value of elevator and

ed:
"First—Determine value of elevator and
list unless site is owned by party owning

elevator,
"Second—Determine value of all grain on hand and list according to kind.
"Third—Find total of all business done

"Thrd—Find total of all business done during year.
"Fourth—Divide by twenty for average.
"Fifth—From this average deduct the amount of grain on hand.
"Sixth—List the remainder, if any, to item 84."

The meeting adjourned.

CONVENTION NOTES.

The Lindell throws in a fight with some dinners.

Louisville, Ky., was represented by Wm. Chreste.

Minneapolis was there in the person of F. Brenner.

Peoria was represented by C. C. Miles of P. B. & C. C. Miles.

Only 75 railroad certificates could be found, so each paid full fare home, or walked.

Kansas was represented by A. J. Denton, Leavenworth; S. P. Hinds, F. P. Lint and W. S. Washer, Atchison.

The dealers in attendance from Iowa were J. W. Dillin, Sioux City; Ç. F. Hahn, Sibley; D. Hunter, Hamburg; D. J. Kennedy, Sioux City.

The Chicago delegation consisted of the following: W. G. Hoover, J. Rosenbaum Grain Co.; J. W. Radford; H. A. Rumsey of Rumsey & Co.

The machinery men in attendance

The machinery men in attendance were: W. C. Bailey, York Foundry and Engine Works, and E. A. Ordway of the Invincible Grain Cleaner Co.

The insurance men in attendance were L. Blackmore of the Grain Dealers Exchange, and L. R. Doud, inspector for the Grain Dealers National Mutual Fire

Ins. Co.

Kansas City was represented by the following: D. L. Croysdale, C. W. Donaldson, L. A. Fuller of Thresher & Fuller; A. Logan, F. P. Logan, P. F. Lucas, J. H. Lynds and Harold T. Mulhall.

St. Louis was represented as follows: T. A. Bryant, Brinson-Waggoner Grain Co.; F. J. Hennessey, J. M. Lane, R. E. McClellan, F. P. Neal, O. Ostenberg, Dan'l P. Byrne & Co., G. E. Parrott, Parrott-Day Co.; W. W. Powell, Sherry-Baccon Grain Co. Bacon Grain Co.

The following Omaha dealers were in attendance: A. H. Bewsher, S. J. Brown, G. B. Comstock, with Bartlett, Frazier & Carrington; F. A. Gritzner, E. E. Huntley, Geo. H. Lyons, Calumet & Western Elevator Co.; H. G. Miller, Secy.; J. F. Twamley, and N. B. Updike, of the Updike Grain Co.

A dealer sends the following touching lines from the Rocky Mountain News, for publication, with our account of the

Do you recall when we were boys,
These many years ago,
The lad who always tried to run
The whole blamed, blooming show?
And do you mind that when he'd find
He couldn't have his way,
He always sulked and bawled and whined,
"I ain't a-goin' to play?"

However good the game he spoiled, It mattered not to him; He'd ruin everybody's sport To gratify his whim; Self-willed, morose and petulant, He'd grab his toys and say, "If you don't do the way I want, I ain't a-goin' to play."

Well, men are only grown-up boys;
When they are in life's game,
If things don't go their way, you know,
They bolt it just the same.
If they can't be the whole blamed thing,
They kick and break away,
And, like a six-year-old, they sing,
"I ain't a-goin' to play."

"Tain't a-goin' to play."

The following Nebraska dealers were in attendance: C. L. Aller, Crete; J. W. Anderson, Holdrege; F. Aubertin, Lincoln; J. W. Bailey, Brock; N. Bainbridge, Gretna; W. B. Banning, Union; E. E. Barber, H. O. Barber and W. T. Barstow, Lincoln; J. Bell, David City; L. T. Brooking, Funk; G. W. Butterfield, Humboldt; H. J. Callen, South Auburn; W. W. Cameron, Chester; C. A. Coe, Burress; F. E. Coe, Lincoln; G. W. Conrad, Wood River; O. A. Cooper, Humboldt; Geo. Coryell, Talmadge; L. L. Coryell, Auburn; J. Cox, York; J. M. Cox, Hampton; J. H. Currie, Bradshaw; A. H. Denison, Elmwood; J. Dickson, Panama; A. F. Diels, Scribner; F. M. Dorsey, Cordova; M. E. Duff, Nebraska City; W. J. Elliott, Superior; J. M. Elwell, Springfield; J. Erickson, Stromsburg; J. T. Evans, South Bend; M. D. Evans, Hastings; F. B. Evering, W. H. Ferguson and E. D. Foster, Lincoln; W. F. Gillespie, Mynard; J. M.

Grace, Mascot; H. C. Hart, Edgar; Geo. H. Hayes, Hebron; Geo. S. Hayes, Falls City; P. S. Heacock, Falls City; J. W. Hiler, Edgar; J. W. Holmquist, Oakland; N. Jacquot, Merna; G. S. Jameson, Stella; R. K. Johnson, Valparaiso; J. A. Linderholm, Blair; F. H. McCarthy, Union; C. A. McCloud, York; C. W. McConaughey, Holdrege; C. F. Milbourn, Minden; W. E. Morley, Lincoln; J. R. Morris, Nye-Schneider-Fowler Co., Fremont; J. M. Morrison, Loomis; A. Maust, Falls City; C. T. Neal, Lincoln; A. B. Nelson, York; P. C. Nelson, Staplehorst; R. W. Nelson, Bookwalter; C. E. Ohlson, Oakland; C. T. Peavey, Beatrice; E. F. Peck, Cedar Bluffs; J. Peterson and W. C. Peterson, Glenrock; G. J. Railsback, Ashland; A. A. Robertson, Cook; E. J. Rose, Ashland; Wm. Rundberg, Ong; C. B. Seldomridge, Holdrege; N. S. Shannon, Lincoln; D. Smith, Elmwood; H. J. Smith, Table Rock; L. Spelts, David City; A. P. Stafford, Nebraska City; C. P. Starbuck, Hebron; J. Taylor, So. Auburn; R. H. Thorp, So. Bend; J. J. Trompen, Hickman; A. M. Vandell, Loomis; G. W. Warner, Pickrell; J. W. Welch, Deweese; E. Wenzel, Eagle; D. C. West, Wyoming; E. G. West, Gothamburg; T. D. Worrall, Lincoln; F. E. Young, Loomis.

Association Meetings.

The next three months promises to be a very busy time for those who try to attend the grain dealers conventions

Scheduled to occur.

May 17th and 18th the Iowa Grain
Dealers Assn. will hold its annual meet-

ing at Des Moines.

May 18th the Grain Dealers Assn. of Oklahoma and Indian Territories will hold its annual meeting at Oklahoma City.

May 20th and 21st the Texas Grain Dealers Assn. will hold its annual meeting at Ft. Worth, Texas.

June 1st and 2nd the Indiana Grain Dealers Assn. will hold its midsummer meeting at Indianapolis.

June 14th and 15th the Kansas Grain Dealers Assn. will hold its annual meeting at Kansas City, Mo.

June 14th and 15th the Illinois Grain Dealers Assn. will hold its annual meet-

ing at Decatur.

June 14th, 15th and 16th the National Hay Assn. will hold its eleventh annual meeting at St. Louis, Mo.

June 22nd, 23rd and 24th the Grain Dealers National Assn. will hold its eighth annual meeting at Milwaukee, Wis.

June 20th and 30th the Ohio Grain Dealers Assn. will hold its annual meet-ing at Put-in-Bay.

July—The Wisconsin Grain Shippers Assn. will hold its annual meeting in

Milwaukee. July—The South Minn, and South Da-kota Assn. will hold its annual meeting at Minneapolis.

Bucket shops are the biggest bears. They are short many million bushels on their bets with their sucker patrons. If their customers had bought on the regular boards, it would have created a demand for that much actual grain and put prices five to ten cents higher. The customers would thus help themselves instead of giving their enemy a club to make them lose.—C. A. King & Co.

Patents Granted

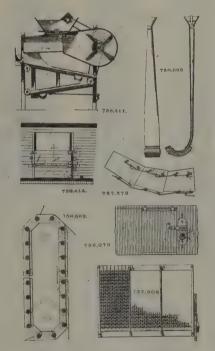
Gas Engine. No. 759,093. Frederick A. Gardner, Catskill, N. Y.

Valve Gear for Gas Engines. No. 758,-901. Frank Dickinson, Springport, Mich. Gas Generator for Explosive Engines. No. 759,011. Frank E. Pfister, Oakland,

Carbureter for Hydrocarbon Engines. No. 759,001. Chas. M. Mohler, Kenosha, Wis.

Grain Germinating Apparatus. No. Valentin Lapp, Leipzig, Ger-758,083. many.

Sparking Igniter Mechanism. No. 758,-217. Carl C. and Eugene A. Riotte, New 'York, N. Y.



Explosion Engine. No. 758,189. Kenric J. McMullen and Mark H. Robinson, Rugby, Eng.

Balanced Valveless 2-cycle Gas Engine. No. 758,943. Ralph P. Thompson and Emil Koeb, Springfield, O.

Explosive Engine. No. 757,632. Herbert R. Palmer, Cleveland, O., assignor of ½ to Edwin Fowler, Cleveland.

Fly-Wheel for Quick-Running Internal Combustion Engines. No. 757,636. Fritz Reichenbach, Charlottenburg, Germany.

Means for Cooling Cylinders of Explosive Engines. No. 758,373. Frank H. Marsh, Newark, and Chas. W. Nichols, Rahway, N. J.

Coupling for Sectional Conveyor Spouts. No. 757,573. (see cut.) Chas. F. Spencer, Alexandria Bay, N. Y. Fixtures on adjacent sections of the spout are in sliding engagement with a link.

Grain Car Door. No. 758,414. (see cut.) Wm. L. Carson, Winheld, Kan., assignor of 1/3 to Thos. Ed. Fulton, Kil-

dare, Okla. The hinges turn on a vertical rod, permitting either or both of the two sections of the door to be raised as well as swung.

Conveyor. No. 758,662. (see cut.) Wm.
T. James, Chicago, Ill. The bucket is provided with a body and a rigid, forwardly extending bottom approximately twice the length of the bucket sides, formatically the provided with the provided sides. chamber. The buckets are pivoted near their central points and have retaining means on the rear ends to hold them in horizontal position.

Grain Screen. No. 757,905. (see cut.) Frank Fredeen, Taylors Falls, Minn. Sheet metal slats are pivoted transversely in a rectangular frame and have on one edge a series of integral fingers entering the larger openings of adjacent slats, a series of spacing wires passing thru the smaller openings. The fingers and wires subdivide the space between adjacent slats and form supports for the mingled grain and other material.

Fanning Mill for Cleaning Grain. No. 758,511. (see cut.) John L. Doub, Meyersville, Mid. Under the hopper is a transversely reciprocating screen, and under this again is a screen frame having screens at an angle to each other, the flow of grain over which is retarded by yielding flexible strips. Scrapers bearing on the under side of the inclined screens are carried by an endless traveling mechanism. The fan is at one side of the reciprocating screen. reciprocating screen.

Combined Car Lock and Sealing Device. No. 759,079. (see cut.) Walter H. Deaver, Carl B. Thompson, John H. Thompson, Chas. Kreitzer and Richard W. Deaver, Dayton, O. The casing provides a chamber in the side of the car. In the casing is a gravity frame having a sliding movement and a locking bolt projecting from its upper portion. The bolt engages a locking lug on a hasp which is securable to the car door. The bolt and an escutcheon have alignable openings for the reception of a sealing strip.

Apparatus for Hulling Rice. No. 758,-665. (see cut.) Robert E. Kimball, Cleveland, O., assignor of two-thirds to L. H. Webb and E. L. Thurston, Cleveland, O. The process consists in propelling the hull-covered rice, by means of an air blast, in a single-thick stream, along a smooth surface, which crosses the direction of the blast at a very acute angle, and thence upon a deflecting frictional retarding surface, which is a practical continuation of the smooth surface. When the extremely high speed of the berry is checked by friction the great momentum of the inclosed kernel causes it to burst the hull and force its way out. the hull and force its way out.

Glucose exports during the 9 months Gucose exports during the 9 months prior to Apr. 1 amounted to 22,024,507 pounds; compared with 86,431,937 pounds for the corresponding months of the pre-ceding season, as reported by O. P. Austin, chief of the bureau of statistics.

Exports of rice and rice products dur-Exports of rice and rice products during the 9 months prior to Apr. 1 were 1,009,671 pounds of rice and 25,204,370 pounds of rice bran, meal and polish; compared with 400,660 pounds of rice and 17,935,736 pounds of rice bran, meal and polish during the corresponding months of the preceding season, as reported by O. P. Austin, chief of the bureau of statistics

Improvement of Corn by Seed Selection.

The average production of corn in the United States from 1892 to 1902 was 23.51 bus. per acre, which is less than one-third of what it might be if proper methods of seed-selection and cultivation were practiced. Good farmers frequently raise from 75 to 100 bus. per acre.

The secret of a good yield consists in causing each stalk in the field to produce a good ear. If each stalk produces an ear weighing I pound and the stand

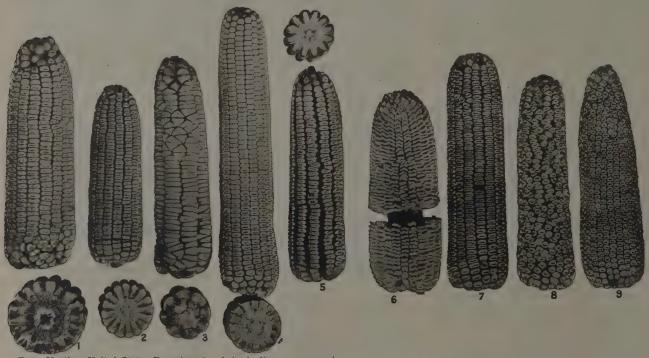
produce ill-shaped kernels, fig. 8, have as high a percentage of grain as straightrowed ears having kernels uniform in size, shape and arrangement.

It is not necessary that all varieties

It is not necessary that all varieties should have cylindrical ears, fig. 7, but this is the shape that best permits the high percentage of grain and uniform size and shape of kernels. If the ears are conical, fig. 9, it is necessary that the grains near the tip be smaller or that some of the rows do not extend to the end, thus causing some kernels to be irregular in shape. Grains of irregular sizes and shapes can not be planted even-

representing white dent corn. Different ears of the same variety will vary 10% in respect to the quantity of shelled corn to cob. Well filled ears of different varieties vary from 75 to 92%. A carload of 800 bus. of ear corn like the ear shown in Plate 3, fig. 1, would yield but 728 bus. of shelled corn, while a similar carload like the ear shown in fig. 2 would yield 893 bus.

while in the field selecting ears one must always have in mind the type of ear toward which he is striving. It is a good plan to reserve for comparison an ear that comes nearest to being the ideal



From Hartley, United States Department of Agriculture.

Plate I. Ears of Corn of Different Types.

is good, the yield will be 122 bus. of ear corn per acre.

A high percentage of shelled corn of good quality is the most important character the ears can possess, says C. P. Hartley in the Yearbook of the Department of Agriculture for 1902. The proportion of grain to cob is influenced by length and solidity of kernels in proportion to size and composition of cob; filling out at butts and tips; space between rows of kernels; uniformity in shape and arrangement of kernels.

Ears of corn of different types are shown in Plate 1, herewith, for which we are indebted to the Department of Agriculture. The small-eared corn represented in fig. 2 has rather too small a cob. The pressure of the kernels causes many of the cobs to break, allowing the tip portion of the ears to drop out of the husks before harvest. Many varieties have the failing of not filling out at the butts and tips. Spells of dry weather may increase this fault. Fig. 7 shows a well filled ear. Other things being equal, ears with wide spaces between the rows of kernels, as in fig. 5, will not yield as high a percentage of grain as ears with narrow spaces, fig. 4. Neither can ears with crooked or irregular rows, which

ly with corn planters. Manufacturers of white corn goods prefer that the cobs be white; while for yellow corn red cobs are not objectionable.

are not objectionable:

While it is true that the kernels of an ear vary somewhat in regard to the size of germ, nevertheless the uniformity is considerable, so that ears can be selected having kernels with large germs and other ears of the same corn having kernels with small germs. Plate 2, fig. 81-1, shows longitudinal and cross sections of grains from a large germed seed ear, and fig. I similar sections from an ear produced by this seed ear, and also, fig. 2, sections from an ear produced from it.

In selecting for long kernels, quality must not be overlooked. Frequently the quality of kernel is very poor on ears having the longest kernels, as in Plate 2, fig. 16. The soft, chaffy nature of the two kernels can be noticed. Plate 2, figs. 3 and 8, show well-shaped kernels for general purpose corns. The flint ears, with their broad, round capped, kidney-shaped kernels, Plate 2, fig. 10, yield a low percentage of grain, and age in many localities being discarded.

The variation in size of cob and length

The variation in size of cob and length of kernels of two ears of the same variety of corn is plainly shown in Plate 3, ear. Success depends on a strict adherence from year to year to the type it is desired to attain. When shelling seed corn remove the small kernels from butts and tips and shell each ear separately into a pan, so that the kernels can be examined before placing them with the seed from the other ears.

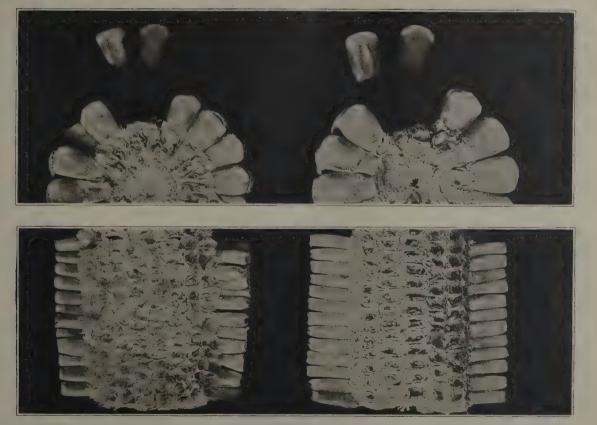
Exports of foreign beans and peas during the 9 months prior to Apr. 1 were 99,963 bus.; compared with 36,178 bus. for the same months of 1902-3, as reported by O. P. Austin, chief of the bureau of statistics.

Exports of breadstuffs during the 8 months prior to Apr. I were 41,926,218 bus. of wheat, 49,366,367 bus. of corn, 9,543,256 bus. of barley, 697,275 bus. of oats and 765,114 bus. of rye; compared with 93,476,627 bus. of wheat, 52,343,000 bus. of corn, 7,941,951 bus. of barley, 4,076,647 bus. of oats and 3,777,230 bus. of rye for the corresponding period of the preceding season. The value of the breadstuffs exported was \$126,485,174; compared with \$165,094,937 for the same period of the preceding season, as reported by O. P. Austin, chief of the bureau of statistics.



From Hartley, United States Department of Agriculture.

Platé II. Variation in Form of Kernels.



From Hartley, United States Department of Agriculture.

Fig. 1. Short Kernels, Thick Cob.

Plate III.

Fig. 2. Long Kernels, Medium Cob.

Grain Trade News

CANADA.

Boissevain, Man.—Chas. E. Hutchinson has bot the eltr. of Hunter & Moore.

St. Anne, Man.—The Western Eltr. Co., of Winnipeg, has bot the eltr. of T. Atkinson.

Ft. William, Ont.—The piles are being put down for the foundation of the eltr. for the Empire Eltr. Co.

Mill Brook, Ont.—The warehouse of Wm. Thexton burned recently with about 2,000 bus. of grain. Loss, \$2,500.

Birtle, Man.—Isaac Corbett, who has represented the Northern Eltr. Co. at Birtle for 20 years, died May I after a brief illness, aged 48 years.

Winnipeg, Man.—The Winnipeg Grain Exchange has installed a telephone in the board room for the convenience of the members for calling up their offices or being called up by their offices while trading on the floor.

Winnipeg, Man.—C. N. Bell, secy. of the Grain Exchange, has received a reference collection of Canadian economic seeds from the agricultural department at Ottawa. It consists of 100 different classes of seeds, each variety put up in a small glass bottle.

Winnipeg, Man.—The C. P. Ry. has given notice that all permits for the erection of eltrs. along its lines will be given in order of application, but will be cancelled where work has not been commenced within 30 days, and the next applicant will be considered.

Winnipeg, Man.—At the annual meeting of the Grain Exchange Baseball Club, held Apr. 26, the following were elected officers: A. R. Hargraft, honorary pres.; A. B. Ellis, pres.; Bruce McBean, vice-pres.; M. Tapper, secy. and treas.; M. M. Boyd, mgr.; D. R. Woods, captain.

M. Boyd, mgr.; D. R. Woods, captain.

Midland, Ont.—The Grand Trunk Eltr.,
under lease to E. R. Bacon of Chicago,
was struck by lightning Apr. 24 and
burned. It had a capacity of 500,000 bus.
The grain boats, Midland Queen, Midland
King, Rosedale and Algonquin, which
were held in the ice at the wharf, were
scorched and it was only by hard work
that they were saved.

Lethbridge, Alta.—The Columbia Milling Co., of Enderby, B. C., is making arrangements with the town council for the erection of a 40,000-bu. eltr. It asks for exemption from taxation for 15 years and water at the cost of pumping. A 300-barrel mill will also be built as soon as the supply of wheat will warrant it F. V. Moffatt is mgr. of the milling company.

CHICAGO.

The corn in the Nebraska City Eltr., which is no longer regular, is being shipped out.

Sales of No. 2 corn for export were made the last of April, the first export corn sales since last fall.

The railroads are making important changes in their local car service rules to meet the attack of the coal dealers

who have complained to the United States district attorney that the assn. is a trust, and violates the Sherman act.

Wentworth P. McKenzie is now with Sidney C. Love & Co. He was formerly wheat trader for Lohrke & Co.

The Goemann Grain Co. has removed its headquarters to Toledo, O., but a branch office will be retained in Chicago.

E. H. Bingham, who has been with Lohrke & Co. for 8 years, has started in the brokerage business on his own account.

The Lippert Co. incorporated, \$1,000 capital, to deal in grain. Incorporators, Jos. J. Lippert, Wm. R. Beatty and John A. Costello.

Geo. Lewis, a grain inspector on the C. & E. I. Ry., fell from a passenger train on that road May 2 and was instantly killed.

Lawrence McMasters has taken charge of the floor business for Requa & Co. He formerly had charge of this part of the business for Beckwith & Co.

A. K. Munson ordered his trades closed recently. He has gone with Floyd, Crawford & Co. and will take charge of part of their grain business on the Board.

A trader on 'Change, who recently made \$35,000, has lately lost \$70,000; and has sent notices to nearly 30 commission firms asking for time in which to settle.

Memberships in the Board of Trade are selling at \$3,000. The directors, so far, have not exercised their authority to levy an assessment of \$25 to retire memberships at \$3,000.

Under the amendment to the rules of the Board of Trade, adopted May 2 by a vote of 408 to 80, the commission for selling car loads of grain has been increased from ½ to 1 cent per bu.

The amendment to the rules of the Board of Trade, providing that margin certificates should be deposited with the clearing house instead of with the secy, was adopted May 2 by a vote of 471 to 21.

Frank L. Stevens, who has been an active trader on the Board of Trade for 20 years, died suddenly on the evening of May 2. He had been on the floor during the day and seemed to be in his usual health.

The United States Circuit Court on May 3 decided in favor of the Bank of Montreal in the suit brot by the trustee of the Geo. H. Phillips Co. to recover \$200,000 deposited shortly before the failure of the corn king.

The report of the grain committee to the directors of the Board of Trade recommending the placing of official sampling under one head was made May 3. After considerable discussion the directors deferred action for one week.

Marshall, Spader & Co. have reorganized from the retiring firm of McIntyre & Marshall. The partners are: Roland C. Nicherson, special partner; Jas. G. Marshall, Willard B. Spader, Thos. W. Moorehead, John Marshall, Aug. M. Fay and Langdon B. Wood.

W. H. Kemp, chairman of the grain committee of the New York Produce Exchange, visited Chicago to confer with the grain committee of the Board of Trade. Eastern shippers and the grain committee held a meeting Apr. 29, to consider the change in official sampling, that is expected to offer a better basis for arbitration.

The state grain inspection department has granted the request of the grain committee of the Board of Trade for leave to name two members of the appeals committee. Azariah Eddy and Cyrus Kendall have been appointed to represent the Board of Trade on the committee. Mr. Kendall has been and is now a member of the committee; and Mr. Eddy has been in the grain trade for 30 years.

The Flour Exchange of Chicago incorporated to advance the trade interests of flour dealers. Incorporators, Victor J. Peterson, Chas. H. Meyer and John H. Burton. Victor Peterson is pres. and C. H. Meyer, secy. The exchange opened May 7 in its rooms in the Marine building with 38 members. An official flour inspector will be appointed by the flour committee, which is appointed by the directors.

Finley Barrell & Co. have open a cash grain and provisions department. B. F. Striblen, who for a number of years has been engaged in the grain business at Chicago, on his own account, will manage the cash grain department. The country correspondence will be looked looked after by Wm. E. White, formerly with Richardson & Co. The provisions department is now in charge of A. C. Lazarus, formerly with the Chicago Packing Co., and W. L. Gregson.

W. L. Beckwith & Co. dissolved partnership May I and arrangements were made to transfer the open accounts to other houses. The cause of this action is said to be the ill health of W. L. Beckwith and poor business. Lowry B. Raymond, the other partner, has sold his membership in the Board of Trade, and it is understood that he will not engage again in the grain and stock business. Mr. Beckwith holds his membership. E. H. Stowell, mgr. of the office, has gone with Kneeland, Clement & Curtis.

COLORADO

Denver, Colo.—M. C. Harrington, from No. Platte, Neb., is now in the grain trade of Denver.—A. Westman, of Westman Com. Co.

Denver, Col.—An attempt was made Apr. 23 to blow open the safe of Geo. E. Ady & Co., but the cracksmen were frightened away while preparing a second charge of nitro-glycerine. This is the third attempt that has been made within the last 2 years on the safe of this firm and \$212 was taken a little over a year ago.

ago.

Pueblo, Colo., May 4.—We are consumers and not producers. We can't even raise a strike that has been in progress since last Nov. and has paralyzed every industry we have. As for eltrs., we have no use for them, except it would be to elevate imported labor agitators. Oats are shipped here from Utah, Oregon, Nebraska, Kansas, Oklahoma and Texas. Corn from Kansas and Nebraska. Colorado generally produces its own hay. Our hard wheat flour comes from Minnesota and Kansas. Colorado's soft wheat flour is sold to the southern states.—X. Y.

The GRAIN JOURNAL.

ILLINOIS.

Griggsville, Ill.—W. E. Doane will build a 20,000-bu. eltr.

Bentley, Ill.—J. S. Grove has succeeded Davis & Grove.

Buenavista, Ill.—Meyers Bros. will remodel their eltr. at Buenavista.

Galesville, Ill.—The farmers are enlarging and repairing their eltr.

larging and repairing their eltr.

Morris, Ill.—The Morris Grain Co. will install another Hall Distributor.

Pawnee, Ill.—J. L. Brainerd will build an office at the west end of his eltr.

Orangeville, Ill.—Meyers Bros. will build an eltr. this summer at Orangeville.

Edwardsville, Ill.—A mill is being built here by Hunter Bros. of St. Louis.—E. J. Jeffress.

Little York, Ill.—The Northwestern Eltr. & Grain Co. will install 2 improved Hall Distributors.

Maroa, Ill.—The Maroa Eltr. Co. has installed a 75-h. p. boiler and otherwise improved its plant.

Rockport, Ill.—Shaw, Garner & Co. will install an improved Hall Distributor in their eltr. at Rockport.

Williamsburg, Ill.—The farmers' eltr. at Fairbanks station on the T. H. & I. Ry. has been nearly completed.

A meeting of the Illinois Valley Grain Dealers Assn. was held May 6 at the Plumb House, Streator, Ill.

Ivesdale, Ill.—The Farmers' Assn. has bot for \$8,750 the eltr., outside cribs and scale office of Henry Hannon.

Camargo, Ill.—O. L. Brown, from Ohio, has been doing some scoop shovel business here during the past winter.

Bigrock, Ill.—John Pratt, a former grain dealer at Bigrock, died Apr. 12 at Plano. He retired from active business in 1896.

Camargo, Ill.—B. S. Tyler & Co. intend building an eltr. at Camargo in the near future.—H. D. Hall, mgr. B. S. T. & Co.

Maroa, Ill.—M. R. Allsup, who sold his eltr. last fall to the Maroa Eltr. Co., contemplates the erection of an eltr. at Maroa.

Toulon, Ill.—John and Walter Wrigley and Mr. Walters, all of Wvoming, have purchased the eltr. and lumber yards of Frank Berfield.

Buenavista, Ill., May 4.—The crop outlook is not very promising on account of continued cold weather.—Wm. M. Gift, agt. Meyers Bros.

Bruce, Ill., May 5.—Farming a little late. Oats doing very well. Grain trade a little slow on account of farmers being in the field—Q. C. Righter.

Hastings, Ill.—Bartlett, Kuhn & Co., of Terre Haute, will remodel their eltr. this summer and enlarge the capacity. A gasoline engine will be installed.

Merna, Ill.—The Merna Grain Co. incorporated, \$2,500 capital, to deal in grain. Incorporators, John, Patrick and Wm. Kinsella, Daniel Gould and J. A. McAvoy.

Windsor, Ill.—Moberly & Co. have succeeded Moberly Bros., J. A. Moberly having bot the interest of J. M. Moberly. Dean L. Moberly will manage the business.

Graymont, Ill.—The Farmers' Eltr. Co. let the contract May 2 to O. M. Paynter for the erection of a 40,000-bu. eltr. which will cost \$6,665 and be completed by July 25.

Anchor, Ill.—The Farmers' Grain Co. intends building an eltr. this summer and has already secured some of the stone preparatory to building as soon as it gets a site.—C. D. Morris.

Fairbury, III—Emil Keller has succeeded the S. M. Barnes Co., the well known track buyers on the T. P. & W. and Wabash roads, whose business he has managed the past 16 years.

Vermillion, Ill., May 4.—The outlook is for a late crop. Wheat about 50% of stand. Oats just coming up, 3 weeks late. No corn planted and will not be for at least 10 days.—Chas. F. Gauble.

Carlock, Ill.—It would be almost impossible for me to do without the Grain Dealers Journal. Every grain dealer ought to read it. It would be a great help to his business.—Wm. Ernst.

Humrick, Ill., May 3.—Wheat is poor in this locality. Oats are late this season. Some corn being planted now. The soil is in good condition for planting this season.—Joe C. Kendall, agt. for W. F. Banta.

Pingree Grove, Ill.—The safe of J. H. Schutte & Son was blown open and a 3-story building demolished Apr. 26 by robbers, who carried away a strong box containing several hundred dollars in notes made out to J. H. Schutte & Son.

Lovington, Ill.—Work has been commenced on the eltr. for Bartlett, Kuhn & Co. which is to replace the one burned Oct. 23. It will not be as large as the eltr. burned but will have a large crib adjoining which will give the plant a larger capacity.

Assumption, Ill.—The Lacharite-Jacobs Grain Co. has added \$3,000 worth of improvements to its eltr., making it one of the best equipped plants in the state. It is located on ground owned by the company which consists of 14 lots in the center of Assumption.

Arthur, Ill., May 3.—The spring is very backward. Oats are sown and are coming up nicely, but little plowing has been done for corn, on account of rain, but is now in full blast. If it does not rain there will be some corn planted by May 10.—J. H. Wright, agt. Bartlett, Kuhn & Co.

Belleville, Ill., May 5.—We are having good warm weather now, which is assisting the growth of wheat very materially. A splendid and appreciated rain fell here last night. With continued good weather and occasional rains St. Clair county will produce an excellent and large wheat crop this year. Oats are late but coming up nicely. Corn planting is now well under way.—H. C. Herr, secy. Harrison-Switzer Milling Co.

Milling Co.

Peoria, Ill.—Receipts at Peoria during Apr., as reported by R. C. Grier, secy. of the Peoria Board of Trade, were: 36,-800 bus. of wheat, 1,354,800 bus. of corn, 471,000 bus. of oats, 21,600 bus. of rye, 211,800 bus. of barley, 1,380 tons of mill feed and 1,880 tons of hay; compared with 51,000 bus. of wheat, 1,352,000 bus. of corn, 728,700 bus. of oats, 26,400 bus. of rye, 175,500 bus. of barley, 210 tons of mill feed and 3,150 tons of hay for Apr. 1903. Shipments for Apr. were 8,000 bus. of wheat, 572,000 bus. of corn, 881,-600 bus. of oats, 7,200 bus. of rye, 94,500 bus. of barley, 6,163 tons of mill feed and 540 tons of hay; compared with 263,200 bus. of wheat, 194,000 bus. of corn, 887,-400 bus. of oats, 20,800 bus. of rye, 67,100 bus. of barley, 1,132 tons of mill feed and 400 tons of hay for Apr. last year.

Springfield, Ill., May 5.—From reports from the ten largest winter wheat producing counties in the state, which will fairly represent the whole district, it is estimated that 13% of the area seeded last fall, 1,500,000 acres, was destroyed either by winter killing or floods, or failed to germinate owing to the dry weather seeding time. Area for harvest will be about 1,300,000 acres. But four times in the wheat reporting history of the state has so small an area as this been harvested. Reports from the American and Wabash, Okaw and Embarrass bottoms indicate that a large area of wheat has been completely drowned out, and much of the damaged area will be planted to corn. With favorable weather until harvest it is not believed that this crop can make much more than 34 of an average yield per acre, so that total winter wheat yield will probably be short.—State Report.

INDIANA.

Bloomingdale, Ind.—L. R. Jessup & Co. have succeeded Jessup & Wheeler.

Aylesworth, Ind.—The new warehouse for Jones Bros. has been completed.

Portland, Ind.—The Haynes Milling Co. will not rebuild the eltr. burned Jan. 23.

Bluffton, Ind.—C. F. Davison is talking of installing an electric motor in his 15,000-bu. eltr.

Fowlerton, Ind.—Woodbury & Files have installed a 2-pr. hr. Nordyke & Mennon Feed Mill.

Argos, Ind.—Wm. M. Bryan will build a warehouse for storing lime and cement. It will be 16x50 ft.

New Haven, Ind.—The eltr. of the Travis-Emmick Co., recently destroyed by fire, will be rebuilt.—D.

Coatesville, Ind., Apr. 29.—Will not have over 40% of a wheat crop in this vicinity.—Davis & Johnson.

Bicknell, Ind.—The eltr. being built for Chas. A. Phillippe by A. H. Richner will be completed about May 12.

Marion, Ind., May 4.—The wheat in Grant county will not make more than 25% of a crop.—Burge Milling Co.

Boonville, Ind.—The Elk Horn Mill Co. has succeeded W. J. Hargrave & Co. but W. J. Hargrave may enter the grain business again after harvest.

Pennville, Ind.—H. C. Arnold and Wm. Engeler, of Bluffton, will build an eltr. at Pennville on a site purchased some time ago along the C. B. & C. Ry.

Marion, Ind.—The Burge Milling Co. has let the contract to the Steel Storage & Eltr. Construction Co. for the erection of a 20,000-bu. steel tank for wheat storage.

Blaine, Ind.—The Haynes Milling Co. will build an eltr. at Salimonia as soon as the new railroad, the C. B. C. Ry., is completed.—A. S. Ertel, mgr. Haynes Milling Co.

Boonville, Ind., May 4.—The outlook is not good for more than 60 to 70% of a crop of wheat. Old wheat nearly all gone. The local mills are only taking care of local trade and not shipping any.—W. J. Hargrave.

The Indiana Grain Dealers Assn. will hold its midsummer meeting June 1 and 2, at Indianapolis, Ind. A good attendance is anticipated, with plenty of interest, resulting in renewed zeal and energy on the part of grain men in the state. The Indiana Millers Assn. has been in-

vited to co-operate with the grain dealers assn. and has consented to participate in the deliberations of the first day's session.

Hartford City, Ind.—The Enterprise Grain & Milling Co. incorporated, \$25,000 capital, to do a general milling and eltr. business. Incorporators, J. C. Adamson, Theodore Clapper, Pierre J. Larmoyeaux, and others of Hartford City.

Argos, Ind., May 6.—A great many oats were sowed this spring and a large crop of corn is going to be planted, on account of the wheat that was winter killed. Not I acre out of 20 will make 5 bus. to the acre in this township.—Wm. M. Bryan.

Indianapolis, Ind.—The Indiana Grain Dealers Assn. has addressed a protest to the Interstate Commerce Commission against the abolition of the present grain rate differential in favor of Baltimore and Failadelphia compared with New York.

Columbus, Ind.—Grain dealers of Johnson, Bartholomew and Shelby counties met Apr. 19 at the St. Denis hotel and organized a branch of the Indiana Grain Dealers Assn. Wm. Nading of Shelbyville, was elected pres., and Henry Nading of Flat Rock, seey.

Metamora, Ind., May 6.—The wheat crop thruout this portion of Indiana is not very promising this year. The crop will be very light; a great deal of it is being plowed up and planted in other crops. A large acreage will be planted to corn, and as the White Water valley is very rich and fertile we look forward to a large corn crop. Plowing is well advanced and some plantin—done.—D. J. Toombs.

Terre Haute, Ind.—The machinery is being installed in the plant of the Indiana Milling Co. The company will manufacture feed from corn cobs, corn, low-grade flour and all kinds of grain. The plant will have a capacity of 600 barrels a day. A corn crib bin has been built which has a capacity of 150 cars of cobs. From this bin the cobs will be conveyed by a carrier belt to the main building. A 72-h. p. engine and a 120-h. p. corliss engine have been installed.

A. E. Reynolds of Crawfordsville, Ind., pres. of the Indiana Grain Dealers Assn., is being urged by members of the State Assn. to become a candidate for pres. of the Grain Dealers National Assn., and has taken the matter under advisement. Mr. Reynolds has devoted his entire life to the grain business, and is well located to direct the affairs of the National Assn. His many friends in the state hope Mr. Reynolds will consent to be a candidate, when they will urge the grain dealers of the United States to look with favor upon his election.

Salem, Ind., May 4.—The season with us is something like a month behind the average. The ground is hardly in fit condition to work on account of moisture. Good acreage of oats sown; had the season been favorable would have been an unusual acreage on account of the wheat being frozen out and that land reseeded to oats. For same cause there will be a large acreage of corn planted. Even the wheatfields that have been allowed to stand will have to be broken again in order to fill the ruts and ditches made by heavy rains, just as the top of the ground had thawed. The worst washing known for years. Wheat is one of the main crops with us and doubt if there will be over 2-5 of an average crop in Washington county.—Reid & Peck.

IOWA.

Lemars, Ia.—Geo. D. Wernli has sold his eltr. and coal business.—I.

Shenandoah, Ia.—H. C. Jeffers has succeeded J. A. Kyle & Sons.—I.

Oto, Ia.—The eltr. of the Westbrook-Gibbons Grain Co. burned recently.—I.

Ringstead, Ia.—The Western Eltr. Co. is building a flour and feed warehouse.

Seymour, Ia.—J. B. Duskin & Son will overnaul their eltr. and mill this summer.

Guthrie Center, Ia.—Clark Reed is repairing his eltr. and building an office.
—X.

Berne, Ia.—The Trans-Mississippi Grain Co. contemplates painting its house at Berne

Bonair, Ia.—Flemmin~ Bros. have built an office and installed new dump scales.— C. McCaustland.

Earlham, Ia.—Garmon & Moorland have completed a 30,000-bu. addition to their eltr. for oat storage.—X.

Earlham, Ia., Apr. 26.—Garmon & Moorland report that they expect a large crop of oats this coming season.—X.

Oto, Ia.—1he Westbrook-Gibbons Grain Co. has bot out the Oto Grain & Live Stock Co. It took possession Apr. 20.

Altavista, Ia.—The eltrs, of the Anchor Grain Co. and Gilchrist & Co. will be removed and the plants built entirely new this summer.

Artesian, Ia.—W. Z. Sharp has given the contract to M. Rowe for the erection of 2 eltrs, at Artesian. Work will be commenced May 15.

Sulphur Springs, Ia., May 4.—The spring has been backward but the weather is fine at present and crop prospects are good.—Geo. A. French.

Sulphur Springs, Ia.—Ed Daniels has installed a new Fairbanks-Morse Gasoline Engine. The Western Eltr. Co. has shingled the roofs of its eltr. and office.

Stanton, Ia.—Turner Bros. have torn down their eltr. which the changing of the railroad will compel them to remove a distance of over a fourth of a mile.

Hillsdale, Ia.—The eltr. and implement warehouse of Hopp & Kiersch burned Apr. 24 with 15,000 bus. of grain. The fire is that to have been started by tramps.

Randolph, Ia.—F. M. Campbell now spends much of his time in Omaha, where he is interested in a new patent brick made from sand. This is no gold brick scheme.

Stout, Ia. May 4.—Most of the farmers have finished seeding and are planting corn. No oats or other grain in the vicinity.—E. E. Ocken, agt. Nye-Schneider-Fowler Co.

Akron, Ia., May 4.—Small grain growing finely. Corn planting has started. Drove several miles in country last night and found many farmers planting.—Akron Milling Co.

Bode, Ia., May 3.—Oat seeding is all thru and is growing fine. Corn planting has been started and the ground is in good condition. All looks favorable so far.—C. J. Hilland.

Hosper, Ia.—I do not think there is a more practical grain paper in the Union than the Grain Dealers Journal. At least we have not seen it during my 21 years experience.—G. Draayom.

Malcom, Ia.—E. P. Hubbert has taken back the eltr. sold last fall to Mr. Cook. The eltr. will be rebuilt with a capacity of 25,000 bus. and F. P. Hubbert & Son will engage in the grain business.

Berne, Ia., May 4.—The weather is fine for all small grain. Some farmers starting to plant corn. Some plowing to be done yet, work about 10 days late.—J. W. Massey, mgr. Trans-Mississippi Grain Co.

Creston, Ia.—Gault Bros. have refused to sign a lease with the railroad company for the ground on which their eltr. is situated, claiming that the railroad is required to furnish the site under the laws of Iowa.

Spencer, Ia., May 3.—We are having very fine weather. Farmers have their small grain in and are plowing for corn. We are looking for good crops and a prosperous year.—F. D. Solomon, agt. Reliance Eltr. Co.

Garden City, Ia., Apr. 30.—Weather is fine; oats are showing up and the farmers are getting along well with their plowing; ground in fine shape; and if weather continues the same a full acreage will be planted.—W. F. Finch.

Des Moines, Ia.—L. Warren, of the Warren Grain Co., died Apr. 22 and was buried Apr. 24 at Laharpe, Ill. The Cereal Club, at a meeting called Apr. 22, adopted resolutions of respect and extending sympathy to the bereaved family.

Seymour, Ia., May 3.—Spring late, but fine for farm work when it did get in. Stock being turned out on pastures. The acreage of corn will be larger than usual. No grain to ship out; corn being shipped in.—J. B. Duskin & Son.

Altavista, Ia., May 3.—Grain of all kinds is coming up in good shape. Corn planting is in order now. Weather very favorable so far, but need a little rain. It would be a good thing to help out all the grain planted.—H. H. Timmerman, agt. Anchor Grain Co.

All grain dealers are urgently requested by the Iowa Grain Dealers Assn. to invite their farmer friends to attend the annual meeting of the Assn. at Des Moines, May 17 and 18. Line eltr. companies are urged to have their traveling auditors and local agents attend if possible. All sessions will be open to the public.

Ackley, Ia.—The old 10,000-bu. eltr., which was used so long by the Lusch-Corton Grain Co., is to be removed by order of the Illinois Central Ry. This eltr. was built in 1865, before the I. C. Ry. had been completed to Ackley, when wagons loaded with grain came from all directions and frequently 3 files of them were waiting to unload.

Remember the annual meeting of the Iowa Grain Dealers Assn. at Des Moines, May 17 and 18. Railroads will give an open rate of one fare plus 50 cents for the round trip, account of the Republican state convention, May 18. Tickets may be purchased on May 16, good to return on May 19. Dealers will be wise to engare rooms ahead on account of the Republican convention.

publican convention.

Des Moines, Ia.—The Chicago Grain & Eltr. Co. has added a brokerage department to its cash grain interests and has opened an office in Des Moines at 419½ Locust St., under the management of H. M. Talcott. It has installed the C. N. D. continuous quotation service and is in a position to give good service to parties who contemplate trading in futures on the Chicago Board of Trade.

Ware In May 5—Outs are looking

Ware, Ia., May 5.—Oats are looking fine; fields have quite a shade of green

on them. The majority of farmers have commenced planting corn. Soil in excellent shape for planting. Have not had any rain since Apr. 23. Very little wheat or barley sown here. I consider the spring up to or a little ahead of 3 years ago and we need it after 2 years of continuous rains.—C. W. Miller, mgr. Chicago Grain & Filtr. Co.

Luverne, Ia., Apr. 29.—Seeding nearly Liverne, Ia., Apr. 29.—Secung nearly all done and acreage nearly all put in; very backward on account of wet, cold weather. A great many are ready to plant corn as soon as the ground is fit, as a large amount of fall plowing was done. No business and no prospect of any until a crop is reject. any until a crop is raised. A great many early sowed oats on low land will be a thin stand; killed out by long spell of wet, cold weather. At present the weather is warm and bright.—C. E. Phillips, agt. Peavey Eltr. Co.

Pierson, Ia., May 3.—It is not considered that small grain was damaged by the cold wet weather that we had a few weeks ago. Altho all grain and grass are very backward, they are all coming on nicely now. Farmers are well along with their work in preparing the ground for corn, a few will plant some this week. Some a few will plant some this week. Some corn left here yet and the parties are holding for 50 cents. All other grains pretty well sold off. The acreage of corn will be greater this year than last, but less wheat sown. Oats and barley about the same.—R. J. Heaton, mgr. Northern Grain

Prof. W. H. Olin of the Iowa University is making study of the growth of sity is making study of the growin or barley in a co-operative experiment at Odebolt, Ia., where A. E. Cook has seeded 900 acres of barley for the experiment. One variety was selected for its high yield wherever tested in Iowa, a second variety has been bred in one family in Bavaria for 100 years for high yield and malting qualities. A third variety was bred from a single head that showed unusually fine qualities and the grain bred from this head has shown, on small fields, a yield of 25% above that of good ordinary barley.

KANSAS.

Ray, Kan.—The farmers will build an eltr. at Ray.

Gardner, Kan.-J. B. Ward has succeeded Ward & Ayres.

Conway Springs, Kan.—Mr. Sewell, of Andale, will build an eltr.

Washington, Kan.-The Duff Grain Co.

will overhaul and repair its eltr. Rozel, Kan.-The Rozel Grain Co. will rebuild its eltr. in the near future.

Maize, Kan.-The Pacific Eltr. Co. has

succeeded Hall & Robinson at Maize Seward, Kan.-The Farmers' Grain

Supply Co. incorporated, \$10,000 capital. Seward, Kan.—The farmers will build

a 15,000-bu. eltr. 6 miles west of Seward. Atchison, Kan.—The Hinds-Lint Grain Co. has moved its headquarters to Kansas

McCracken, Kan.—The McCracken Grain & Merchandise Co., incorporated, \$500 capital.

Valeda, Kan.—A 10,000-bu. eltr. has been built for the People's Eltr. Co. by P. H. Pelkey.

Lyons, Kan.—R. J. Johnston has pur-chased the eltr. of the Kansas Grain Co. and has taken possession.

Waldo, Kan.—The eltr. for the Farmers' Co-operative Shipping Assn. has been completed by P. H. Pelkey.

McPherson, Kan.—The eltr. being built by Colburn Bros. will have a capacity of 50,000 bus.—J. G. Maxwell & Co.

Macksville, Kan.-The Macksville Lumber & Grain Co. has succeeded the Macksville Hardware. & Lumber Co.-I.

Rozel, Kan.-Gus Oswald, buyer for the Kansas Grain Co., was married Apr. 20 to Miss Ella Koelsch, of Ellinwood

Junction City, Kan.—The eltr. of Thos. Dixon burned May 1 with 600 bus. of grain. Loss, \$6,000; insurance, \$2,500.

Sylvan Grove, Kan.—The Morrison Grain Co. will build an eltr. this year. Latto & Robinson will overhaul their elt.

Zenda, Kan.—The Vilott & Ferguson Grain Co. will build an eltr. at Zenda and probably at 1 or 2 other Santa Fe

Rossville, Kan., May 6.—We have excellent prospects for large crop; heavy rains past week.—A. L. Boyd, agt. Mid-

Damar, Kan.—The 10,000-bu. eltr. for C. Hoffman & Son Milling Co. has been completed by P. H. Pelkey, to replace the one burned last winter.

Atchison, Kan.—The S. R. Washer Grain Co. intends building a small eltr, for wagon grain, with a pipe line connecting it with the large eltr.

Sterling, Kan.-Henry J. Arnold has bot the Davenport Eltr. and is remodeling it to use for storage of wheat for his mill.—Fair & Shaak Mer. Co.

Longford, Kan .- A. W. Schenberger, of Wakefield, will build an eltr. at Longford, as soon as the lease has expired on the eltr., located on the Santa Fe.

Sylvan Grove, Kan., May 6.-Have had rains abundant for the next 10 to 15 days and wheat now promises to make 75 to 80% of last year's crop-Latto & Robin-

Wakefield, Kan.-A. W. Schenberger has increased the capacity of his eltr. to 15,000 bus. and installed a Western Cleaner and a Bowsher Grinder, with capacity of 40 bus. per hour.

Wakefield, Kan., May 7.—The prospects at present are good, in this section, for a good wheat and oat crop. The ground is in excellent condition for planting corn. —A. W. Schenberger.

Sylvan Grove, Kan., May 5.—We are having plenty of rain now. With anything like favorable weather there will be a good crop of wheat.—F. E. Nefzger, agt. Midland Eltr. Co.

Greensburg, Kan.—The C. Hoffman & Son Milling Co., of Enterprise, has closed the contract with P. H. Pelkey for the erection of 20,000-bu. cribbed eltrs. at Greensburg and Wellsford.

Independence, Kan.—The Santa Fe Eltr. burned Apr. 24. It had not been operated for years and had become a resort for tramps and it is supposed that in some way they started the fire.

Wichita, Kan.-The Home Grain Co. will be incorporated to operate the eltrs. recently purchased by the Van Dusen-Harrington Co., of Minneapolis, Minn., with headquarters probably at Wichita.

Rossville, Kan., May 6.—Wheat looking well; prospects for good crop. Little corn planted owing to too much rain; about 15% of old corn in country. Oats doing well with small acreage.-J. C.

Minneapolis, Kan.-The Farmers' Eltr. Co. has been organized and will build an eltr. The officers of the new company are: W. O. Postlewaite, pres.; A. R. Gage, vice-pres.; A. R. Purton, treas.; F. E. Babcock, secy.

Mound Valley, Kan.—The Rea-Patterson Milling Co., of Coffeyville, has let the contract to P. H. Pelkey for the erection of an eltr. at Mound Valley. It will be equipped with a Lewis Gasoline Engine and Howe Scales.

Gardner, Kan., May 4.—The growing wheat looks fine. Oats are also in good condition, with a very large acreage. It has been a little too wet for corn planting, but with favorable weather from now on it will come on very fast.—J. B. Ward.

Huscher, Kan.—Bossemeyer Bros., of Superior, Neb., contemplate building a 7,000-bu. eltr. capable of handling 1,500 bus. of shelled or ear corn an hour. It will be equipped with a steam plant of 25-h. p., Howe Hopper Scales and Platform Scales.

Atchison, Kan.-The Cain Milling Co. has let the contract for the erection of a 40,000-bu. eltr. It will be situated some distance from the mill and the grain will be transferred to the mill thru a pneumatic tube, the first of its kind in this part of the country.

Kackley, Kan.-Bossemeyer Bros. contemplate rebuilding the eltr. which they purchased from A. H. Pooge. It will have a capacity of 7,000 bus. and capable of handling 1,500 bus, of ear or shelled corn per hour. Howe Hopper and Platform Scales and a steam plant of 25-h. p. will be installed.

Moundridge, Kan., May 7.—Prospect for wheat here very good; plenty of moisture and wheat is growing very fast; thick on the ground and promises the largest crop ever raised. Oats are a little late on account of cool weather, but with good weather from now on will make a good crop. Corn about all planted, and some is up; rye is heading.-Moundridge Grain Co.

Wellsville, Kan., May 4.—Farm work has been delayed by rain and very little corn has been planted. A very limited acreage of oats sown and a very small acreage of flax this year. No wheat in this neighborhood; none sown last fall.

Grass making nice growth at present. Grain movement very limited at this time and there will be but little moved until another crop.—C. A. Smith, mgr. Star Grain & Lumber Co.

Maize, Kan., May 4.—No grain shipped from Maize in the last 9 months. Local buyers have consumed all the corn for the last 2 years. Wichita millers are the last 2 years. Wichita millers are taking all the wheat at present at an advance of 3 to 5 cents over export price. Had a very dry winter, but plenty of rain for the last month. Wheat prospects good with fair acreage. Spring late and corn planting behind. What is planted is not coming up good, but farmers are jubilant over wheat.—R. E. Spencer.

Hutchinson, Kan.-Work has been com-Hutchinson, Kan.—Work has been commenced on the eltr. for the Rock Milling & Eltr. Co. by P. H. Pelkey. It will have a capacity of 75,000 bus. and will be built on a site purchased along the Santa Fe which will give the company 3,000 ft. of trackage. It will be equipped with Eureka Cleaners, 5 stands of eltrs. with 16x6 buckets and a Hall Distributor, a double power shovel, a car puller and 2 Day Dust Collectors, which will feed the dust to the furnace. The building will be covered with galvanized iron. A corliss engine will furnish the power. Four improved Hall Distributors will be installed.

The Southern Kansas Grain Dealers Union was formed at Wichita Apr. 25. Wm. Finn of Sedgwick was chosen pres. and F. W. Frasuius of Wichita, secy., of the temporary organization, to be completed at a second meeting May 9. About 50 grain dealers and millers were present. An aggressive campaign will be begun to secure lower freight rates for grain shippers in the southern part of the state, who have been outrageously discriminated against by the railroads.

KENTUCKY

Shelbyville, Ky.—The Logan & Logan Milling & Grain Co. incorporated, \$30,000 capital.

Hopkinsville, Ky.—The Acme Mills & Eltr. Co. is installing new machinery in its plant.

Adairville, Ky.—Jenkins & Byers have bot the old Simmons mill and have installed entirely new machinery, making a complete new mill of it.

Adairville, Ky., May 4.—Our wheat, altho a little late and thin, promises a fair yield. Think 70% of an average crop would be a fair estimate.—F. L. Smith.

Mt. Sterling, Ky., May 4.—The little sunshine we have had in the last few weeks has greatly improved the condition of the little wheat in Montgomery county. While the acreage will not exceed 65%, the condition at this time is fully 85% of an average.—I. F. Tabb.

MARYLAND

Cumberland, Md., May 4.—Our trade in the grain line has been satisfactory during the past winter and if the flour market would be as active as the grain and feed trades, the miller would have no room to complain. We think, however, that price and business will improve before the new crop comes in, as the stock of winter wheat is very limited thruout our section.—L. D. Rohrer, pres. L. D. Rohrer Co.

BALTIMORE LETTER.

Louis Muller, President of L. Miller & Co., grain exporters, has sailed for Europe and will remain abroad until autumn.

Among the recent visitors on the floor of the Chamber of Commerce were Sam. Finney, Chicago; J. P. Robinson, New York; Ralph L. Galt, Washington; Buran House, Oklahoma City, O. T.; M. D. Benzaquin, Boston; H. A. Megraw, Mexico; Jos. H. Turner, New York; E. A. Simmons, Pontiac, Ill.; J. H. Cook, Duluth.

The establishment of the Wabash at Pittsburg enables that management to give its unimpeded attention to the extension eastward of its line until connection is made with the Western Maryland Railroad, which extends from Cherry Run to Baltimore, a distance of 105 miles, a controlling interest in which was sold by the City of Baltimore to the Gould Syndicate, under a guarantee of extension of the Gould lines to this City, and the construction of large terminals here. Heretofore the Western Maryland Railroad reached tidewater over the Penn-

slyvania Railroad tracks under a contract which imposed heavy charges. It therefore became necessary for the new line to have an independent outlet, and the tidewater extension will be completed and thrown open within 60 days. These terminals will be ample to handle the large business which will naturally come to Baltimore over the Gould system. Already two large steamship piers have been constructed and there is sufficient depth of water to accomodate steamers of modern dimensions. Following this, a grain eltr. is expected to be constructed and it is hoped that the line westward from Cherry Run will be completed within the present year, thereby connecting this city with the entire Gould system of railroads. The running of thru trains into Baltimore over the Wabash system is eagerly looked forward to, as it will counteract the community of interest arrangement now existing between the Baltimore & Ohio and Pennsylvania Railroads.—B. M.

MICHIGAN.

Lake Odessa, Mich.—The Lake Odessa Eltr. Co. incorporated, \$10,000 capital. The company is building an eltr.

Lawton, Mich., May 4.—The outlook for wheat and rye in this section is for nearly a total failure.—E. Beam & Son.

Jasper, Mich.—Burt Porter, of Weston, has succeeded Goodsell & Son, who have also sold their bank and will remove to Toledo, where they will engage in other business.

Frankfort, Mich.—The Goemann Grain Co., of Toledo, O., has taken the eltr. at Frankfort from the Ann Arbor Ry, and will operate it as well as the house at Mansfield. O.

Lake Odessa, Mich, May 3.—Wheat is looking very much damaged in this section. Oats are a little late, but the weather is coming on fine now, to their advantage.—Geo. E. Kart.

St. Charles, Mich., May 4.—The outlook for wheat is very poor, there having been but little sown last fall owing to the continued rains. The weather at present is fine and may result in a good crop of oats and corn.—F. R. Parmelee, prop. St. Charles Electric Roller Mills.

MINNEAPOLIS

Jas. Marshall, pres. of the Chamber of Commerce, is again about, after a long illness

We are indebted to G. D. Rogers, secy., for a conv of the annual report of the Minneapolis Chamber of Commerce for the year ending Dec. 31. In addition to the statistics usually published in exchange reports, the volume compiled by Mr. Rogers contains the names of the officers and all the standing committees for the ensuing year; a review of the grain trade of 1903; a list of the 44 regular and private eltrs., with the name of the officers of each eltr. co.; the Minnesota grades; the contract grades of 12 markets; the rules of the Chamber and a list of its members. The report shows a total receipt of 86,804,070 bus. of wheat at Minneapolis, which is only 4% under the high record; 22,384,050 bus. for the preceding year; 11,233,170 bus. of barley, compared with 7,783,000 bus. for the preceding year; 1,583,920 bus. of rye and 7,194,740 bus. of flax.

MINNESOTA.

Hardwick, Minn.—The Farmers' Eltr. Co. will build an eltr.

Boyd, Minn.—The Security Eltr. \Co. will repair its eltr.—W. J. Smith.

Gaylord, Minn.—The Pacific Eltr. Co. will put in a new gasoline engine.

Clarkfield, Minn.—The Pacific Eltr. Co. will install a new gasoline engine.

Sargeant, Minn.—W. F. Markham, grain dealer, lost his barn by fire Apr. 28.

Bird Island, Minn.—The Truax & Betts Eltr. Co. has sold out at Bird Island.
Sleepy Eye, Minn.—The Farmers' Eltr. Co. will build an eltr. this summer.

Belview, Minn.—The Farmers' Grain & Fuel Co. will build another coal shed.

Clarkfield, Minn., May 6.—Small grain is all up and looking good.—J. G. Groehler

Belview, Minn.—The Pacific Eltr. Co. may install a dump scale this summer.—H. O. Hegdal.

Felton, Minn.—The Minneapolis & Northern Eltr. Co. will have its eltr. over-hauled this summer.

Fairfax, Minn.—The eltr., built by the Pacific Eltr. Co. to replace the one burned in Jan., has been completed.

Fairfax, Minn., May 4.—Wheat and oats are coming up nicely and a large crop is expected this season.—J. H. Lee.

expected this season.—J. H. Lee.
Worthington, Minn.—The H. N. Douglass Eltr. Co., which sold out recently, will build a line of eltrs. in North Dakota.

Medford, Minn.—H. D. Adams will shortly succeed C. C. Cleveland as mgr. of the eltr. for the Sheffield-King Milling Co.

Appleton, Minn.—The Appleton Co-operative Farmers' Eltr. Co. incorporated and will build an eltr. J. C. Behlen is

Clontarf, Minn.—The Northwestern Eltr. Co. has repaired its eltr., which was made necessary by the amount of business done.

Foxhome, Minn.—R. W. Ramsey & Co. are building an eltr. and feed mill at Foxhome, to be ready for operation by Aug. I.

Lewiston, Minn.—J. J. Litcher has succeeded J. J. Litcher & Bro., having purchased the interest of his brother, M. C. Litcher

Goodhue, Minn.—The Star Mill has been closed for repairs. The Home & Export Mill Co. has started grinding.—Thos. Maley.

Cobden, Minn.—The Eagle Roller Mill Co. will improve its eltr. The farmers intend building and eltr.—Thos. Peterson, agt. Sleepy Eye Milling Co.

Waltham, Minn.—E. J. Markham is building a new foundation, putting on a new roof and otherwise repairing his eltr. Repairs will cost about \$500.

Glencoe, Minn., May 4.—Seeding is finished and some of the wheat is over ground. The weather is ideal.—D. K. Whalen, agt. Exchange Grain Co.

Glencoe, Minn.—The Empire Eltr. Co., of Minneapolis, has bot the eltr. of Anthony Kasper and succeeded him May I. Mr. Kasper will have charge of the eltr. as agt.

Bigelow, Minn., Apr. 29.—Weather fine. Ground in fair condition. Prospects good. Small grain about all sowed; farmers plowing for corn. About ¾ of the eltrs. in this county and vicinity are closed be-

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cause of poor crops last year.—O. C. Fasberg.

Fairmont, Minn.—Henry Rippe has traded his eltrs. at Winnebago, Granada, Easton and Grand Meadow for a tract of farming land in the Red river valley near Crookston.

Fairfax, Minn.—Huey Carson, who was arrested recently, charged with setting fire to the mill of L. Nichols & Co., grain dealers, has been held to the grand jury without bail.

Clarkfield, Minn.—Larson & Orwall intend raising their eltr. this summer and in the near future will arrange to handle and shell corn.—J. E. Johnson, agt. Great Western Eltr. Co.

Clontarf, Minn., May 4.—The weather is fine. The soil is drying fast and seeding is progressing rapidly. More wheat will be sown than expected at the beginning of the season.—Frank M. Goggin.

Pine Island, Minn.—M. E. Billings, formerly agt. for the Farmers' Eltr. Co. has been bound over to the grand jury which meets in Oct. He is charged with appropriating \$1,007 which belonged to the company.

Felton, Minn., May 4.—The season is very backward and as yet no seeding is done. Very little wheat will be put in; oats, barley and flax will be substituted.—Andrew Bye, agt. Minneapolis & Northern Eltr. Co.

Farmington, Minh'.—H. N. Babcock has bot the eltr. of the Sheffield-King Milling Co. and is building a warehouse addition. He also has built eltrs. at Cleveland and Lesueur, on the new line from Farmington to Mankato.—I.

Goodhue, Minn., May 5.—Small grain is nearly all sown. This week will finish sowing. Quite a large acreage of wheat will be sown. A considerable amount of wheat and barley is still in the farmers' hands.—Thos. Maley.

Correll, Minn.—The Empire Eltr. Co. and the Crown Eltr. Co. will raise their eltrs, and put in new foundations. They will also paint the houses. Barr Bros. will build an eltr. at Correll.—W. E. Tibblis, agt. Crown Eltr. Co.

Sleepy Eye, Minn.—The State Grain Inspection Department will establish a branch this summer at Sleepy Eye, on account of the large amount of grain handled by the mill. The mill will increase its capacity soon to 5,500 barrels.

Appleton, Minn.—The eltr. of the Northwestern Eltr. Co. burned Apr. 28 with several thousand bus. of grain and the eltr. books. Loss, \$3,000, fully insured. The fire was caused by burning shingles from a barn nearly half a mile away.

The date of the annual meeting of the So. Minnesota & So. Dakota Grain Dealers Assn. has not been definitely decided upon, but a number of the members seem to favor holding the meeting June 21 at Minneapolis so as to be able to go direct from this meeting to the convention of the National Assn. at Milwaukee, without loss of time.

Amboy, Minn.—A decision has been filed in the case of Lamb, McGregor & Co., of Minneapolis, against the Amboy Eltr. Co. Judge Cray has found the eltr. company insolvent and has appointed Chas. W. Marks, of Amboy, receiver, with bonds placed at \$6,000. The assets are not over \$500, with liabilities, unsecured, nearly \$7,000. The creditors have been given 90 days in which to file their claims with the receiver, after which they

will be barred. When the stockholders liability law has been enforced it is expected that the claims will be paid in full.

MISSOURI.

Macon, Mo.—L. G. Malone has bot the mill of W. S. Coulter.

Louisiana, Mo.—Shaw, Garner & Co. will install an improved Hall Distributor.

Emma, Mo.—Wm. Wehrs & Bros. have succeeded Henry Wehrs, who died recently.

Kansas City, Mo.—The Hinds & Lint Grain Co. has purchased a membership in the Board of Trade.

St. Joseph, Mo.—Geo. M. Hauck will build an eltr. to cost \$1,000. It will be a frame building, 14x14x35 ft.

Parkville, Mo.—The Parkville Milling Co. intends increasing its capital by \$10,-000.—S. F. Wilson, secy. Parkville Milling Co.

St. Peters, Mo.—N. & F. Schneider are building a 10,000-bu. eltr. and expect to have it completed by July 1. It is located on the Wabash Ry.

Warrensburg, Mo.—The Magnolia Milling & Investment Co. has bot the mill of Isaac Markward and has succeeded him with D. Bullard as mgr.—J. H. Lampkin.

St. Louis, Mo.—The A. H. Buschman Grain Co. incorporated, \$10,000 capital, to deal in grain, hay and seeds. Incorporators, A. H. and F. W. Buschman and Wm. A. Rottman.

Warrensburg, Mo., May 4.—Corn planting much delayed on account of cold, wet weather. Considerable wheat will be plowed up. Oats look well, but acreage light.—J. H. Lampkin.

St. Louis, Mo.—No sales of hay have been made on the St. Louis market since Apr. 27, on account of the feed dealers assn. objecting to the new rules of the St. Louis Hay Receivers Assn.

Macon, Mo., May 3.—A good many farmers in this locality, who sold their hay for almost nothing last fall and winter, are buying now and paying just about 100% more than they sold for.—Herbert Doneghy.

St. Louis, Mo.—The directors of the Merchants Exchange on May 7 suspended C. H. Albers until Dec. 31 for the non-fulfillment of obligations growing out of the December wheat deal. The C. H. Albers Commission Co. had defaulted on 175,000 bus.

St. Peters, Mo., May 4.—Our growing wheat promises a fair average crop and we have noticed some improvement in the last week, especially on land where it has been too wet. The nice sunshine and warm weather will help it considerable.—N. & F. Schneider.

Parkville, Mo., May 5.—A larger acreage of soft wheat is being raised in Platte county than last year, but the condition of the crop is not up to the average. The supply of old wheat is entirely exhausted and there will be little doing in mill circles until the new crop is ready.—S. F. Wilson, secy. Parkville Milling Co.

St. Peters, Mo., May 5.—Wheat, in this section, is beginning to look better, except in the flooded districts of course. The backwater has subsided to a large extent and we had a good slow rain last night which will probably benefit some of the flooded wheat by washing off the poisonous settling of dirt. The farmers are getting ready to plow for corn. The oat crop

will be short; some of the sown oats rotted.—E. Marheinke.

St. Charles, Mo., May 4.—The growing wheat crop in this vicinity is extra good. A better stand than we have seen for years. Hardly any old wheat left in the county. The Missouri river has receded in the last week about 5 to 6 ft. It had 5 ft. to go to reach the high mark of 1903. Nevertheless it was high enough to do some damage along the river bottoms, but hardly ¼ as much as last year.—J. B. Thro Milling Co.

Gallatin, Mo., May 5.—Prospects are good on all early sown wheat, or about 80% of an entire crop. Late sown will all be planted to corn. Only about 20% of a crop of oats sown on account of the late, wet spring. A large acreage of corn will be planted if the weather continues fair; about 110% of an average crop. Ground in fine shape to work. Rain today and it will benefit wheat, oats and grass. Will delay corn planting for 1 day. Old wheat all gone. No oats or rye. Feeders paying 50 cents for No. 4 corn. Stock all out on grass.—F. G. Fulton.

Stock all out on grass.—F. G. Fulton.

Columbia, Mo., May 3.—The cold, wet weather during the month greatly retarded corn planting and on April 30th planting had hardly begun north of the Missouri river, and in many of the counties south of the river a like condition prevailed. In the southwest quarter of the State from Bates, Henry and Benton counties and south, from 25% to 90% of the corn crop has been planted but owing to the cold and wet weather the condition of the soil is such that much of it will have to be planted over, as the average condition for what is planted in that section is only 58. In many of the southeastern counties but very little corn has been planted; however, in Mississippi and Pemiscot about 1-2 of the corn is in the ground. For the whole State perhaps not more than 10% of the entire acreage is planted, compared with about 25%, the five year average for this time of year. May is a good time to plant corn, however, and if conditions are normal during the present month an average acreage will be planted throughout the entire State. The average condition of the wheat crop for the State is 81, which is exactly the same as it was one month ago. A number of counties show improvement during the month, while others report a deterioration on account of the excessive rains and overflowed lands. The greatest deterioration in condition during the month was in a group of 8 or 10 counties and south as far as Bates, St. Clair and Hickory. But a number of these counties have a comparatively small acreage in wheat. The acreage sown this year was practically the same as the average harvested last year but on account of overflow and winter killing about 6% of the total acreage seeded last year will be plowed up and planted to other crops.—

KANSAS CITY LETTER.

E. T. Adair, the wholesale dealer in hay, is dead.

The Van Dusen-Harrington Co., of Minneapolis, are now said to be about to build 6 eltrs.

John A. Wilson, the freight traffic mgr. of a number of Kansas City and other grain firms, has moved his office to 201 and 202 Dwight bldg.

L. Cortelyou, pres. of the Kansas Grain Dealers Assn., was a recent visitor on 'Change, and is much pleased with prospects in his state at the present time.

A. D. Wright has resigned the management of the Board of Trade clearing house, and will do a commission business hereafter. His place has been filled by the appointment of G. G. Lee, formerly chief clerk.

C. B. Hoffman, mgr. of the Farmers Co-Operative Shipping Assn., accompanied by Dr. F. Engelhard, of Rising City, Neb., is making a business trip to Omaha, Chicago, St. Louis and other points.

The Christie Grain & Commission Co. has lost its suit against the United States, for the return of about \$5,000 paid out by that alleged bucket shop for revenue stamps, when the war revenues were being collected.

E. J. Smiley, secy. of the Kansas Dealers Assn., was in the city a few days ago, and was very optimistic in his views upon the Kansas wheat crop, having changed greatly within the past 2 weeks, as the crop outlook had changed so materially.

Col. Simons, of the Simons Grain Co., reports that the Milwaukee eltr. which his company operates, is being greatly increased in capacity. The eltr. proper is a 200,000-bu. house, and they are now putting in tanks which will hold 550,000 bus. more.

An ordinance has been introduced in the city council to prevent the pilfering of grain from the cars in transit. This ordinance was introduced upon request of the Board of Trade, and prohibits unauthorized persons from boarding the cars under pretense of sweeping them out.

The Santa Fe is making extensive plans for taking care of the grain which comes in from along its line, in future. There will be 4 tracks built between Argentine and Turner, which is to greatly facilitate the handling of grain cars, and they will put in a gravity system of switching cars. It is now intended to spend about \$250,000.

The Ernst-Davis Grain Co. has received a letter from the Colby Milling Co., of Colby, Kas., which says: "Heavy rains fell Tuesday night and thousands of acres of wheat that were thought to be dead are coming out and are showing a good stand. Farmers say they will make a good crop with favorable weather from now on." A couple of weeks ago a letter from this firm indicated they would not have over a half crop of wheat.

Wheat is coming in very slowly, and the dealers are inclined to think there will not be very large receipts again until the next crop begins to arrive. The local millers are finding little wheat, out of arrivals, which is considered good milling wheat, and dealers say they are having a pretty good demand now, from more western points, for their good milling wheat, as the mills of Kansas are running short, and are looking for everything on their lines of road.

The grain market is very dull in this city at the present time, although receipts are a shade better than they were a week ago. Corn is in great demand, and the prices have been moving up regularly. The yellow corn has the best demand in the north at the present time, and a large part of the white corn sold here is moved to the south, Texas, Louisiana and Arkansas taking a good deal of it, while Missouri grist mills are also buying white corn in this market, as it seems their local

supplies have generally played out by this time.—P.

ST. LOUIS LETTER.

A most unusual thing occurred here May 2; not a delivery on May contracts was made.

The slight decrease in stocks of corn was occasioned by the high water. It is expected that our visible stock of corn will dwindle down to nothing, as every bu. of our corn is said to be sold.

Another plant on the east side refuses to allow the Merchants' Exchange to supervise its weighing. The only way to squash things of this kind and get good weight is to demand that your grain be weighed under Merchants' Exchange supervision.

Owing to the high water the expected heavy decrease in the visible supply of wheat did not materialize. As all roads are now open there should be a heavy decrease before the next weekly report. On Apr. 30 there were stocks amounting to 2,000,000 bus.

The World's Fair opened Apr. 30 in a blaze of glory. It was a glorious day, a glorious crowd and it's certainly a glorious show. We feel mighty proud of the "grain man", who is at the head of it, Governor Francis. A most opportune time to visit the Fair will be immediately after the national convention at Milwaukee. We will meet you on the Pike.

The railroad agents at St. Louis refused to take any chances this year on high water. As soon as a rise to the 35 ft. mark was predicted all freight was hauled back to high and dry land and business practically suspended. The rise was not as high as expected, however, and everything is again in its normal condition. All roads are open, freight being handled as promptly as heretofore.

During Apr. there were 1,667 cars unloaded and supervised by the Merchants' Exchange Weighing Department. Out of this number, 87 cars were leaking at grain doors, 7 leaking over grain doors, 97 leaking over box, 15 leaking at end windows, 90 not scaled at all and 316 only sealed on 1 side. This shows that 612 cars arrived in an unfit condition, all of which conclusively proves that shippers are very often to blame for short weight.

A merry war is on between the Feed Dealers Assn. and the Hay Receivers Assn., owing to the fact that rejections of hay became so numerous that the receivers organized for what they consider "the good of the trade". The trouble started last week, when the hay men refused to sell except with "green card". On the reverse side of the card are rules governing the sale of the card are rules governing the sale of the car, which states that buyers must take any "off" hay in the car at market difference so long as it is in a merchantable condition. This the feeder dealers refuse to do, claiming they should not be called upon to take hay they have no use for, even at market difference. For several days past sales have been few and far between, but a flag of truce has been raised by the feed dealers who have called for a meeting of both organizations, when they hope to adjust differences.—Louis I.

NEBRASKA.

Bradshaw, Neb.—The Currie Grain Co. is repairing and remodeling its eltr.

Angus, Neb.—Hatton & Harrison have leased Holland Bros. eltr. and have taken possession.

Benedict, Neb.—The Farmers' Eltr. Co. intends building an addition to its eltr.

Inland, Neb.—S. Forney has taken charge of the eltr. for the Trans-Mississippi Grain Co.

Bookwalter, Neb.—R. W. Wilson will overhaul and repair his eltr. and put in a new approach.

Bennett, Neb.—The Duff Grain Co. will build a 10,000-bu. eltr. and overhaul its eltr. at Lawrence.

Cedar Rapids, Neb.—S. Peterson has succeeded E. Pettys as agt. for the Westbrook-Gibbons Grain Co.

Elgin, Neb.—The new eltr. for W. F. Hammond, built to replace the one burned, has been completed.—I.

Elba, Neb.—The new equipment for the eltr. of E. M. Brass will be furnished by the York Foundry & Engine Works.

Weeping Water, Neb.—The eltr. of E. F. Marshall has been torn down preparatory to the erection of his 30,000-bu. eltr.

Omaha, Neb.—J. F. Twamley, Son & Co. will erect a 250,000-bu. frame eltr., with fire-proof tanks for storage adjoining.

Fremont, Neb.—The Nye-Schneider-Fowler Co. has just added a cribbed addition of 100,000 bus. capacity to its terminal eltr.

Sterling, Neb.—Cooper & Linn are bldg. their 35,000-bu. studded eltr. adjoining their old 8,000-bu. eltr. and will operate both.

Murdock, Neb.—J. T. Evans' new 25,-000-bu. eltr. is completed and ready for grain, likewise the 25,000-bu. eltr. of O. H. Eggleston.

Cook, Neb.—The Baker-Crowell Grain Co., of Kansas City, Mo., has let the contract for the erection of a 12,000-bu. eltr at Cook. It is to be completed by July I.

Omaha, Neb.—G. H. Conant, who represented McReynolds & Co., has been confined to the house since last October. L. R. Cottrell now represents McReynolds & Co.

Holstein, Neb.—Geo. Fisher has bot the eltr. of the Farmers Eltr. Co. and took possession Apr. 20. Mr. Fisher sold his interest in the firm of Uldrich & Fisher to G. L. Fisher.

Loomis, Neb.—The Loomis Grain & Milling Co. has been formed by F. E. Young. J. M. Morrison, F. W. Kiplinger and others bot the Loomis mill and eltr. The mill will be remodeled.

York, Neb.—The Farmers' Eltr. Co. has been granted a site in the old K. C. & O. yards and will build a 25,000-bu. cribbed eltr. The equipment will be furnished by the York Foundry & Engine Works.

Mead, Neb.—E. Pettys, formerly agt. for the Westbrook-Gibbons Grain Co. at Cedar Rapids, Neb., has exchanged stations with S. Peterson, who had accepted the position as agt, for the company at this station.

Superior, Neb., Apr. 28.—The crop outlook is good in this section except that oats and wheat have been held back by cold weather. We expect a large acreage of corn in our territory.—Bossemeyer Bros., by F. L. Myers.

Blair, Neb.—The Peavy Eltr. Co. is building a 10,000-bu. crib eltr. at Tyson station, 5 miles north of Blair on the C. S. P. M. & O. Ry. It will be equipped with a gasoline engine. Al Jones will

operate it from Blair for awhile but later another will be put in charge.

Lushton, Neb.—The Farmers' Eltr. Co. has rented the eltr. of the Nebraska-Iowa Grain Co. The house will be overhauled and a new equipment installed by the York Foundry & Engine Works. A Howe Gasoline Engine will furnish the power.

NEBRASKA LETTER.

John W. Morrison, of Loomis, has joined the Nebraska Grain Dealers Assn.

Receipts on the Omaha Exchange continue to be light. This is largely due to the great scarcity of stuff throughout the country. The mills are using most of the wheat and the feeders in Nebraska, Iowa and Wyoming are taking a good share of the corn, thus leaving very little to go to the regular markets.

Numerous members of the recent excursion party met again at Lincoln April 27 at the annual meeting of the Nebraska Grain Dealers Assn., and the reunion was a very happy one. The only regrets expressed were that the Association had decided on biennial excursions and they would have to wait two years for another good time.

Frank Fowler, of Fremont, who was appointed as a member of the Governing Committee of the Nebraska Grain Dealers Assn. at its last annual meeting, was unable to serve on account of ill health and at a recent meeting of the committee C. C. Crowell, Jr., of the Crowell Lumber & Grain Co., Blair, was selected to serve in his place. The committee also re-elected H. G. Miller to serve during the coming year. The Governing Committee now consists of C. C. Crowell, Blair; T. D. Worrall, Lincoln; C. A. MccCloud, York.

Corn planting has begun and wheat is in fine condition. The eastern part of the state shows that oats planted are coming up with prospects of a heavy stand; in a few instances, slightly better than last year. The western part of the state, however, shows the growth is much retarded, in some places due to the fact that the crust on top of the soil is too hard to let the plant through. Where it has come up it shows up very light. The rains during the past week will help the growth of oats in the western part of the state very materially. The season is about 2 weeks late.

weeks late.

T. D. Worrall, who for several years past has had the management of the Nebraska Eltr. Co., of Lincoln, has resigned his position and will open up an office in the Board of Trade building in Omaha, for the purpose of doing a regular consignment business. Mr. Worrall has been a prominent and hard worker among the grain trade for a good many years and his intimate relation with the country dealers will no doubt be of great benefit to him in his new position. He expects to be the principal in a stock company which is now being formed. Mr. Coe of Omaha has been selected to succeed Mr. Worrall as mgr. of the Nebraska Eltr. Co.—E. C.

NEW ENGLAND

Paris, Me.—S. E. Newell & Co. have bot the grain business of Jarvis Thayer.

Dover, N. H.—Edwin J. York has purchased the grain, wood and coal business of V. Mathes & Son.

Marion, Mass.—G. I. Luce & Co. have dissolved partnership, G. I. Luce succeeding in the grain and hay business and

Wm. R. Luce taking the other departments.

Middleboro, Mass.—The grain ware-house of the M. H. Cushing Co. was nearly demolished by a freight car Apr. 24. The switch had been left open on the spur track.

Nashua, N. H.—Henry Stearns, the oldest grain and flour dealer in Nashua, died recently. He has been in business at the same address for over 40 years. The business will be continued by the estate for the present.

Springfield, Mass.—The Burton E. Noble Co. incorporated, \$5,000 capital, to carry on a wholesale and retail business in hay, grain and feed. The officers are: Daniel W. Mellen, pres.; Burton E. Noble, treas. The directors are the above officers and Edwin G. Remkus.

Lee. Mass.—The D.

Lee, Mass.—The Dresser-Hull Co. incorporated, \$15,000 capital, to deal in grain, hay and feed. Incorporators, Edw. L. Murphy, Bennett T. Gale and Carl Wirtzbach. The new company takes over the grain and coal business of David Dresser and the business which has been conducted by C. E. Hull:

Pittsfield, Mass.—Geo. H. Hunter and Albion P. McMaster have retired from Hunter, McMaster & Co. and the Hunter & McMaster Co., Inc., has succeeded to the business. Clarence E. Frost, junior member of the old firm will be mgr. of the new company. The senior members of the old firm will retain an interest in the new company as stockholders.

NEW JERSEY.

East Orange, N. J.—The Fort Orange Grange Co. incorporated, \$50,000 capital. to deal in cereals, grain and hay. The Euclid Flour & Grain Co. incorporated, \$25,000 capital, to manufacture and deal in cereals, grain and hay. Incorporators of both companies, Walter H. Sloane, Alber J. Morgan, Chas. T. Neals, Edw. Elsworth and Harry H. Picking.

NEW YORK.

Glens Falls, N. Y.—Lapham & Parks are building an eltr. and mill.

Rome, N. Y.—Geo. Oster & Son have built a grain eltr: at the rear of their mill.

Buffalo, N. Y.—The Great Northern Eltr. Co. has transferred its eltr. to the Mutual Eltr. Co., which has operated it for nearly a year.

New York.—S. Valentine & Sons incorporated, \$20,000 capital, to deal in grain, flour, etc. Incorporators, Stephen Valentine, Percival C. Smith and Edw. P. Lyon.

Buffalo, N. Y.—Chas. A. Hager, formerly mgr. of the Union Eltr., has again been arrested, this time on a charge of grand larceny. It is alleged that he appropriated grain to his own use.

New York, N. Y.—It is rumored that pig iron dealers contemplate joining the Produce Exchange and dealing in pig iron futures. A humorist suggests that pig iron be made deliverable on contracts for No. 2 corn.

Oswego, N. Y.—The Corn Products Co. is rebuilding its plant at this point and expects to have it completed by Oct. It will have a capacity of 4,500 bus. daily, an increase of 2,500 bus. over its former capacity.

New York, N. Y.—W. E. Woodend & Co., brokers of the Consolidated Exchange, suspended business recently, with

heavy liabilities. Their offices have been closed by the sheriff. At the hearing in the bankruptcy proceedings before examiner Hitchcock, May 4, efforts were made by the receiver to establish the fact that Woodend & Co. were in the habit of bucketing orders. Woodend owed Sidmond McHie, of the Hammond Eltr. Co., of Hammond, Ind., \$15,000. The Hadden-Rodee Co., of Milwaukee, Wis., is involved to the extent of \$5,200.

BUFFALO LETTER.

Riley Pratt and C. P. Wolverton have returned from their trip to Cuba.

Demand for offices in the Board of Trade building, the property and headquarters of the Chamber of Commerce, can hardly be met.

It is understood that the Mutual Eltr., formerly the Great Northern, has been given some increase of representation on account of the large business it did last season.

The Husted Milling & Eltr. Co. is preparing to increase its capacity as a manufacturer of cereals and feed and has a permit to put up an addition to the mill costing \$3,500.

It is expected that the new Board of the Western Elevating Assn. will soon take up the matter of giving single-day rates on grain, as asked by the Grain Dealers' Assn.

The wheat trade is dead. Why this market refuses to pay the Toledo prices of wheat is very strange, unless the state wheat is sufficient to meet the wants of the state mills.

The refusal of the lake captains to go to work is creating a lot of dissatisfaction among the union men in the harbor. The scoopers have made their terms, but there is nothing to do.

Interest in the New York plan of making Buffalo eltrs, regular for storing contract grain is showing some increase. With the new pool in operation here the matter can now be taken up with it as a single body, instead of with the individual eltrs.

The corn situation is improving apparently. Dealers are getting a liberal amount of kiln-dried, which appears to turn out well and there is less fear of a deluge of hot corn when the warm weather sets in. Chief Inspector Shanahan thinks the wet corn is about exhausted.

While it may be supposed that the withdrawal of all rates by the lake package-freight lines and refusal to accept freight was something of a bluff for effect on the striking captains, it is said to have been a necessity, the warehouses at both ends of the route being packed full of freight.

The grain-rate war between the New York Central and the Pennsylvania may be stopped permanently, but it has been carried into the coal business. Sometime ago the New York Central made a deep cut on coal rates to R. W. & O. and other northern New York points and now the Pennsylvania has met it.

The grain situation here is very peculiar. By this time a big grain fleet usually is in from Chicago and usually another from Duluth; the eltrs. are running over and business in the harbor is booming in every respect. Now all is dead. The vessels are all tied up, the eltrs. are nearly all empty, there being only about half a million bushels in them all and

the worst of it is that nobody knows when there will be any more.

The canal is open, but there is next to nothing to do at this end of it, as there is no grain to move. Still it will permit the boats on the eastern division that were frozen in with grain last fall to proceed to destination. Never before did the canal freeze up so early and suddenly and remain so all winter. Whitney & Gibson, who own their own boats and supply their eltr. in Rochester by that route, have some of them loaded and will begin business at once.

The new Corn Exchange is not making any visible progress yet, as the attorneys have not yet completed the by-laws and there can be no election till they are in form, so there has been no meeting lately. Tho the talk of leaving the Chamber of Commerce is not heard now, it is pretty certain that an offer on the part of a capitalist to put up a new building would be accepted promptly. Still it is hoped that the Chamber of Commerce has made concessions enough to the new body to keep the family together till something can be done that will prove of advantage to all concerned.—J. C.

NORTH AND SOUTH DAKOTA

Flaxton, N. D.—A. A. Robinson will build an eltr.

Bartlett, N. D.—The farmers have organized with \$10,000 capital and will build an eltr.

Nome, N. D.—The Nome Grain Co. contemplates buying the eltr. of Andrews & Gage.

Kindred, N. D.—The Farmers' Eltr. Co. will build an eltr. Frank Russell will have charge.

Parkston, S. D.—The eltr. of Buege & Co. will be equipped with an improved Hall Distributor.

Gary, S. D.—The farmers are organizing the Farmers' Eltr. & Supply Co. and intend building an eltr. at Gary.

Dazey, N. D., May 4.—Crops are being put in in good shape. Wheat about half in.—A. A. Gad, agt. Monarch Eltr. Co.

Hope, N. D.—The Farmers' Eltr. Co. has let the contract to Honstain, Bird & Co. for the erection of a 50,000-bu. eltr.

Loomis, S. D.—The Truax & Betts. Eltr. Co., of Mitchell, is building an eltr. at Loomis, and also one at Mt. Vernon.

Astoria, S. D., May 5.—Seeding is finished in this vicinity and more wheat has been put in this year than last.—O. O. Sohn.

Dazey, N. D.—An eltr will be built at Malum, a station 6 miles north of Dazey, N. Swenson and Chas. Nelson, of Dazey, are interested.

Minnewaukan, N. D.—The farmers eltr. company, which is being formed, has been negotiating for the purchase of the eltr. of Chas. S. McGlenn.

Eldridge, N. D., May r.—Had a snow storm late in Apr. and farmers are late in seeding this spring, as the snow and water in low places have put them back.—H. O. Wise.

Gwinner, N. D.—The Farmers' Mill & Grain Co., of Milnor, which makes a specialty of macaroni wheat flour, will build an eltr. at Gwinner to increase its storage capacity.

Hoople, N. D.—The National Eltr. Co. is repairing its eltr. and placing a stone foundation under the whole building.

Nels Folson, of Folson & Anderson, is building a large addition to his residence.

Crandon, S. D.—The farmers of this locality are arranging for the purchase of the old mill building which has stood idle for 8 years. They will remodel the house into an eltr. and intend to hire a competent grain man to manage the business. They will also handle feed and coal

Suit has been brot against Cass county, N. D., by the St. Anthony & Dakota Eltr. Co. to recover \$1,200 which the company claims it paid for taxes in 1897, under protest, on wheat which it held in its eltrs. The company claims that it did not own the grain on Apr. 1 and therefore was not liable for taxation on it.

Gardner, N. D., May 4.—Seeding began to-day on high land; will be general in 3 or 4 days. Conditions favorable for all work. Weather perfect. Wheat acreage will be reduced 25% owing to lateness of season. Barley acreage will be increased 10%, for the same reason. Scarcely any flax will be seeded in this vicinity.—W. E. Hunt, agt. Minneapolis & Northern Eltr. Co.

Mt. Vernon, S. D.—The eltrs. of the Truax & Betts Eltr. Co., the Reliance Eltr. Co., the Huntting Eltr. Co., the Farmers' Eltr. Co. and the Mt. Vernon Milling Co. burned Apr. 27. The Truax & Betts eltr. contained 3,500 bus. of wheat; loss, \$5,000. The Reliance eltr. contained 1,000 bus. of oats and wheat; loss, \$3,000. The Huntting eltr. contained 7,000 bus. of wheat; loss, \$7,000. The farmers' eltr. contained 1,000 bus. of wheat; loss \$5,000. The eltr. of the Mt. Vernon Milling Co. contained 800 bus. of oats; loss, \$1,000. All the losses were fully covered by insurance and the houses will soon be rebuilt. The eltr. of the Farmers' Eltr. Co. was covered with corrugated iron and caught fire thru the open driveway.

Crandon, S. D., May 5.—The seeding of small grain is practically completed in this locality, except on a few low spots. A shower of rain would not be out of place by any means as the top of the ground is quite dry. Considerable ground is being seeded to macaroni wheat this spring, as it is a sure crop in this vicinity and yields about double to the acre compared with the common red wheat. Plowing for corn is progressing quite favorably and a few days more of good weather will see that work closed up in good shape. The acreage to corn will be heavy again this year. Pastures are of no use yet and in many cases farmers are getting short of hay, but a few days will place pastures all right except for work horses.—Jas. Wisenor, agt. G. W. Van Dusen & Co.

I do not know just how many dealers in South Dakota are now members of the Assn. of which J. J. Quinn is secy., but I believe they form only a small percentage of the whole number, and I would urge upon any who may read this the advisability of joining. There is no question, but that it will inure greatly to their benefit in the long run, even if no immediate results are apparent. While you may never be made the victim of "scooping" or other irregular competition, there is always the liability of it; and in addition you will find much to be gained from association and co-operation with the other dealers. Anyone who is not convinced of this fact will become so through a thoughtful reading of almost any number of the Journal, particularly one which

has reports of association meetings; and if any doubt remains an actual attendance at one such meeting will quickly dispel it.—I.

OHIO.

Hepburn, O.—Frank Laubis, hay dealer, will build an eltr.

Hillsboro, O.—H. H. Richards & Co. contemplate the erection of an eltr. this summer.

Noggles, O.—Robert Davidson, formerly at Glenkarn, has bot the eltr. of Owens Bros. at Clarks station.

Uniopolis, O.—A. P. Rinehart is improving his flour mill, increasing its capacity, and installing new machinery to make more storage room.

Toledo, O.—The Goemann Grain Co. has removed its general offices from Chicago to Toledo, to enable it to keep in closer touch with its 2 houses.

Circleville, O.—C. E. Groce has taken possession of the eltr. recently leased from L. A. Bell at Bell's siding and has retained Thos. Connelly as mgr.

Brighton, O., May 4.—The wheat crop is looking very bad here. Very few oats have been sown on account of the wet weather.—The Brighton Eltr. Co.

Mt. Victory, O., May 5.—The wheat crop in Hardin county is an entire failure and an increased acreage of oats is taking its place.—R. B. Cougill.

Norwalk, O.—Jenkins & Stryker dissolved partnership May 1, Mr. Jenkins continuing the business at Norwalk and Mr. Stryker taking the eltr. at Huron.

Bellefontaine, O.—Keller & Dowell have increased the capacity of their eltr. to 50,000 bus. and installed new corn and wheat dumps, corn sheller, wheat cleaner and new seed mills.

Piqua, O.—Spencer & Miller have succeeded the Spencer-Slauson Grain Co., Willis Slauson having sold his interest in the company to his partner Daniel Spencer and Melville W. Miller.

Batson, O.—Cyrus Paul has brot suit against the C., H. & D. Ry. to recover \$1,000 damages for failure to furnish cars to move grain to market, while furnishing sufficient cars to his competitors.

Middletown, O.—The F. O. Diver Grain Co. has not removed its headquarters to Trenton as stated in this column April 25. It has only a branch office at Trenton, with headquarters still at Middletown.

Bluffton, O., May 2.—The outlook for business at this point is slim. Around here there will not be more than a fourth of a wheat crop. Fields are being plowed up and put to oats and corn.—Stearns & Greding.

Kyle, O., May 4.—About 10% of the wheat plowed up. What is left has a prospect of making 60% of an average crop. A large crop of oats sown and it looks fine. Large crop of corn going in; some planted. No old wheat left.—Kyle & Williamson.

Springfield, O., Apr. 29.—The outlook for wheat in this vicinity is poor. A good many farmers are sowing oats in the wheat land and some will put in corn. Very little old wheat in the farmers' hands; not enough for our local mill.—W. E. Tuttle & Co.

Mt. Victory, O.—Cougill & Morrow have succeeded R. B. Cougill, B. B. Morrow having bot an interest in the property. They will do a general milling and

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grain business. The north half of the mill building will be used for elevating and storing grain.

Uniopolis, O., May 3.—The wheat crop in this vicinity looks very bad; can not make more than ½ of a crop. Much of that sown is being put to oats. Old wheat is also very scarce, farmers having sold all they have to spare and very little in the eltrs.—A. P. Rinehart.

Marion, O.—The Ohio Milling & Eltr. Co. incorporated, \$25,000 capital. Incorporators, B. F. Waples, H. W. Donithen, L. J. Smith, John H. Stoll, John Retterer and A. E. Mautz. The company intends buying the eltr. of S. E. DeWolfe. It will build an addition to the eltr. and build a \$15,000 mill.

Franklin, O., May 3.—The warm weather has helped the growing crop of wheat quite a good deal. Have had farmers tell me they have some very fine fields and again their neighbors will say he is not going to have half a crop, but I think we will have from 50 to 75% of a crop.—C. E. Williams.

New Weston, O., May 4.—A few farmers are not thru sowing oats, but only a few. About all of the wheat is plowed up and sowed in oats. The wheat, you might say, is a total failure in this section. Plowing for corn is being pushed vigorously but will be 10 days late.—R. W. Howland, of J. & J. Leas.

Corwin, O., May 5.—Eltrs. are shipping in both grain and hay and selling to farmers, something unusual here. A large acreage of oats have been sown and they are looking fine. The corn crop planted will be large. Wheat will not be half a crop; only a few fields that can make a full crop. Grass is coming on slowly and much clover that was early sown was killed by the late freeze.—Corwin Grain Co.

Toledo, O.—The Produce Exchange has amended its rules to provide for compulsory arbitration by non-members who have differences with members. In case the offending firm shall fail to abide by the decision of the arbitration committee, and after its name has been posted, no member of the exchange shall represent or transact any business for the offender. Members who deal with a posted firm are liable to suspension and fine of \$100.

Lyndon, O., May 3.—The prospect for the new wheat crop has wonderfully improved in the last week. When we come to think of it the winter began early and the wheat has had no opportunity to grow until within the last week. I was just offered 800 bus. of wheat at \$1, that 60 days ago I could not have bot for \$1.50 per bu., but the party can't get the dollar and will take less, as he is in to sell. Oats fine and a large crop. Corn planting booming and plowing almost done. Grass fine.—D. Gwin Coyner.

Lowellville, O., May 6.—The spring in this vicinity has been very backward, April having been a very wet and cold month; but with the advent of May came a change, and spring is here at last. The weather this week has been very fine and farmers are making the most of it getting the ground in shape for seeding. Altho the winter has been a very long and severe one, we do not think that it has seriously damaged the wheat, as there was a good covering of snow nearly all the time. From present indications we expect at least an average crop of good quality, but it is a little early for safe predictions.—The Elks Milling & Mfg. Co.

TOLEDO LETTER.

Henry L. Goemann; of the Henry L. Goemann Grain Co., was voted to membership at the last meeting of the Produce Exchange.

Holgate, O.—Charles Spangler, manager of the grain eltr. of Thompson & Morrison, had the misfortune to lose a pocket book containing \$400 the latter part

last month.

The reduction in grain rates between Chicago and New York which became effective May 2d makes the rate from Toledo to New York 13½ and 15½. This is the same reduction made a year ago.

Reports from grain dealers and eltr. men throughout this section, during the past couple of weeks, shows the wheat crop to have depreciated at least 50%. The floods did damage almost beyond estimation and most of the acreage formerly in wheat is now being sown to oats.

The Isaac Harter Milling Co. has been incorporated under Ohio laws, having previously existed under a New Jersey charter. 'A. Mennell, W. F. Day, L. A. Mennell, Alvin Fischer, Carl S. Wright, C. E. Phillips, and Ray Searles are the incorporators. The capital stock is \$500,000.

Paulding, O.—The Farmer's Grain Co. has been incorporated, capital stock \$40,000. Pres., William Green; vice pres., W. H. Phipps; A. M. Courtright, secy, and treas. The company has control of the Cecil Grain & Eltr, Co. at Cecil, the eltr. at Knoxdale and the Herzer Eltr. at Paulding.

The steamer Alva, which was stranded by being carried into shoal water with a half cargo of 75,000 bushels of flaxseed during the January flood, was pulled off the mud banks several days ago and taken to Craig's shipyards to be drydocked for repairs. The accident will probably cost the owners \$1,500.

Wortz & Emmick, for many years in the grain business in this market, have decided to dissolve partnership, much to the regret of the members of the Produce Exchange. Mr. Emmick's health is such that he is compelled to live a retired life for some time at least. The first of the year he went south with a view of bettering his health, but returned a few weeks ago, his condition showing no imimprovement. Mr. Wortz will retain his membership on the Board, but what disposition will be made of the concern's eltrs., Mr. Wortz' future plans will not be learned for some time yet.—D.

OKLAHOMA

Medford, Okla.—The Medford Supply Co. has succeeded Smith & Moss.—I.

Blackwell, Okla.—The Blackwell Mill Co. will rebuild its eltr. at Camchester.

Apache, Okla.—The Apache Milling Co. contemplates increasing its storage capacity.

Bison, Okla.—The Oklahoma Mill Co. will increase the capacity of its eltr. to 20,000 bus.

Autwine, Okla., May 5.—Wheat looks like it would make 30 bus. per acre; it is now in full head.

Blackwell, Okla.—V. G. Hagaman will increase the capacity of his eltr. from 8,000 to 15,000 bus. and install 2 new legs and more cleaning machinery.

Cleo, Okla., May 4.—The crop of small grain is slim. About 50% of the acreage plowed up. Will not make more than

60% of a yield of what is left.—Hutchinson & Co.

Bison, Okla., May 4.—The wheat crop in this vicinity, according to the farmers' estimates, will be not less than 80%. Late rains have put the corn and oats in fine condition.—Oklahoma Mill Co.

Kremlin, Okla.—The United Farmers' Coal, Grain & Supply Co. incorporated, \$20,000 capital. Incorporators, F. E. Murray and A. L. Lincoln, of Hillsdale, A. Lincoln and E. A. Eby, of Kremlin, and J. M. Downie, of Enid.

Nowata, I. T.—The Rea-Patterson Milling Co., of Coffeyville, Kan., has let the contract to P. H. Pelkey for the erection of eltrs. at Nowata, Bartlesville and Delaware. They will be built at once and equipped with Lewis Gasoline Engines and Howe Scales.

Dillon, Okla., May 7.—Do not believe there will be more than half a crop of wheat, compared with last year. We have been from Kingfisher to within a few miles of the Texas line and prospects are slim. Harvest will be late, in and around this vicinity.—Thomas Milling Co.

Oklahoma City, Okla.—Grain dealers and millers of Oklahoma City held a meeting Apr. 19 at the office of C. V. Topping to arrange for the entertainment of the grain men and millers who will attend the meeting of the Grain Dealers Assn. of Oklahoma and Indian Territories.

Autwine, Okla., May 5.—Our crop prospect at this time is very fine. Early wheat is now in full head and in good, healthy condition, with weather conditions the very best. Wheat is practically the crop of Kay county altho corn, oats and alfalfad owell.—B. A. Duvall, Duvall & Schafer Grain Co.

Wilburton, I. T.—We have no eltrs. in the county. This is a coal town, but I think it would pay to have an eltr. here. We have flour and feed shipped from Oklahoma and Kansas, but this country is being settled up fast, as the Indians have taken their allotment and can sell and lease the land.—J. P. Sims.

Blackwell, Okla., May 4.—Wheat, in the northeast part of Kay county especially, is looking fine. Soft wheat is now in full head and will be ready for the harvester early in June. Oats will be short; about half crop. Corn is growing nicely. As made up from reports of grain dealers of Okla., the territory will have only about 70% of a full crop of wheat.—Villott & Ferguson Grain Co.

Ferguson Grain Co.

Apache, Okla., May 5.—We will have only about ¼ of a crop of wheat in this vicinity this year. A great portion of the wheat ground will be put to cotton and broom corn. At least 10,000 acres of cotton will be planted adjacent to Apache this spring. The drouth has just been broken by a heavy, soaking rain which puts the ground in good shape for cotton but comes too late to save a great portion of the wheat.—X.

of the wheat.—X.

The annual meeting of the Grain Dealers Assn. of Oklahoma & Indian Territories will be held at Oklahoma City on Wednesday, May 18, in the Chamber of Commerce rooms, the first session beginning at 10 o'clock a. m. Officers will be elected for the ensuing year, and plans formed for the future policy of the Assn. The members will consider proposed rules to govern the Assn.'s board of arbitration; and other suggestions for the amendment of the Assn. will be read. The meeting will be addressed by H. B. Dorsey, seey. of the Texas Grain Dealers Assn.; E. J.

Smiley, secy. of the Kansas Grain Dealers Assn.; G. A. Stibbens, secy. of the Grain Dealers National Assn., and Chas. S. Clark, of the Grain Dealers Journal. The meeting will close with the annual banquet at the Threadgill hotel on the evening of May 18. The day before the meeting the Assn. board of arbitration will meet in executive session at the Threadgill hotel, at 2:30 p. m., and any member having differences to submit should file his complaint in due time. On the 17th also, the Millers Assn. will hold a session, and during the week Oklahoma City will hold a street carnival, and there will be plenty of amusement as well as business. An effort is being made to secure a one-fare rate over all roads. As the Texas Grain Dealers Assn. will hold its annual meeting at Fort Worth May 20 and 21 many will find it convenient to continue their trip to Fort Worth to see their Texas friends. All are invited.

PACIFIC COAST.

Ukiah, Cal.—Lucas & Paxton have dissolved partnership.—I.

Kendrick, Idaho.—The Vollmer-Clearwater Grain Co. contemplates installing new machinery.

Garfield, Wash.—The farmers' ware-house was recently damaged by fire. Loss, \$400; covered by insurance.—P.

San Francisco, Cal.—Large contracts for oats were recently awarded by the government to Balfour, Guthrie & Co., and W. W. Robinson.

San Diego, Cal.—W. W. Stewart. a well known grain merchant, died Apr, 23, after an illness of 2 months. He was 75 years of age and went to California in 1852

Seattle, Wash.—E. F. Bogardus, of Lilly, Bogardus & Co., has sold his interest in the company to Chas. H. Lilly. who will continue the business as in the past except that the mill capacity will be increased.

Modesto, Cal.—The warehouse of Crane Bros, burned Apr. 26 with a large quantity of grain which had been stored in the house by farmers, 25,000 new grain sacks, a carload and a half of crushed barley and several hundred sacks of rye. Loss, \$8,000, with some insurance.

Lewiston, Idaho.—The J. Alexander Co. has bot the warehouse of Kerr, Gifford & Co. and leased half of the warehouse of the Kettenbach Grain Co. at Sweetwater station. It also contemplates building warehouses at various stations thruout the Clearwater country.

PENNSYLVANIA.

Uniontown, Pa.—The mill of S. Mosser & Co. burned Apr. 23. Loss \$25,000; insurance, \$10,000.—King Bros.

Osterburg, Pa.—The Osterburg Traffic Co. has been organized and intends building a 3-story eltr. Under present conditions there is no market for the farmers, who must depend on hucksters.

Philadelphia, Pa., May 7.—We have had strong markets during the past week. Consignments made last week have shown shippers fair profits, altho values in eastern markets have not advanced as much as options. Shipments of oats are falling off and we look for some scarcity at seaboard by the end of this month. Corn is arriving in poor condition and we advise letting it alone. Bran and middlings are very scarce. Hay is more plentiful and dull.—L. J. Logan & Co.

Miner's Mills, Pa.—Steel grain storage tanks had a very severe test in the fire that destroyed the large plant of the Miner-Hillard Milling Co. Apr. 13. The mill buildings were burned, together with a frame eltr. containing 14,000 bus. of grain. The grain in the frame eltr. was so badly damaged that the salvage brot only \$2,000 on the ground. The steel storage tanks were immediately in the rear of the frame eltr., and contained wooden partitions that were set on fire by the intense heat on the outside of the tanks, but otherwise little damage was done. The tanks contained each 20,000 bus. of corn, and in the two on the side near the fire the corn was charred to a depth of 5 ins., only, and the salvage was very nearly equal to full value. The company believes the tanks stood the test well, and in rebuilding the plant will make the eltrs. fireproof.

PITTSBURG LETTER.

Collections are fairly good, and business conditions generally are satisfactory.

Millfeed has exhibited a firmer front, and prices are doing much better. There is an excellent demand for both bran and middlings, and all consignments are readily placed.

A Pittsburg firm made a sale of 25,000 bus. of white oats in Chicago a few days ago at a profit of 5 cents a bu. This is taking time by the forelock, and watching for all the possibilities of trade.

The oldest grain dealer in the city is S. B. Floyd, who has been in business here continuously for over 40 years. He is still active on the floor of the exchange, and one of its youngest members in all save years.

Oats have been steadily gaining strength for a week or two, and are now in much better condition than they were at the close of April. Demand has picked up, and receipts have fallen off. These two conditions have gone to make a firmer market, and quotations have advanced.

There is an occasional call for rye, but distillers and millers have their requirements generally supplied, and are not buyers to any great extent. Receipts maintain a regularity which makes it difficult to dispose of the offerings at all times, and it has no settled value in the market.

The growth of the demand for grain, hay and feed in the Pittsburg market within the past year has not been fully enough brought to the attention of shippers, who are requested to look this way when they want a sure and safe distributing center for their stock. In one day 115 cars of hay reached this city, more than for any other single day this season, and yet there was no more than could be readily handled. When the proper kind of stock comes it finds buyers, and at satisfactory prices, but there is a class of purchasers who are not to be put off with undesirable articles, and such consignments are heartily discouraged.

Hay has kept to the demand which has characterized it for a long time. The entire winter and spring season has been truly favorable to hay dealers, and they have profited by the strength of the market. With demand constantly up to, and often ahead of, supplies, there has been nothing to complain of from the standpoint of the seller. Two weeks ago it looked as though there might be a slump in the market, as receipts began to gather force, and roll in with increased speed, but the fear that the bottom was about to drop, out of the situation proved

groundless. Prices did drop a notch, but quickly recovered, and now are as strong as ever. Better grades of timothy are wanted, and bring full quotations for all consignments.

Corn has been holding its own. Within two weeks there has been no real decrease in the strength. Shelled is a little easier in price, owing to the fact that receipts have kept up well, and demand has slowed down a little. However, quotations had reached an abnormal condition, and there was room for a drop without hurting the market. Ear has not declined. Arrivals limited, the week showing the lightest receipts for some time. For a few days there has not been the complaint of poor corn formerly heard, and this has made trading much more satisfactory. Dealers are using all endeavors to discourage poor quality in consignments, as there is no satisfaction in handling such stock, either for the shipper or receiver.

The board of directors of the Grain Trade Assn. of Pittsburg held its initial meeting since the arrival of its new charter on May 3. There was a good attendance, and much enthusiasm. The by-laws, as prepared by the committee, had been presented at a previous meeting, held April 28, and adopted without a dissenting voice. Permanent officers have been elected as follows: D. G. Stewart, pres.; C. A. Foster, vice pres.; J. A. A. Geidel, secy. A secy., who is to be the actuary of the association, and who will have charge of the accounts, has not yet been elected. This will be a salaried position, and there are several applications. The matter of his selection has been referred to a committee which will consider it and report at a meeting to be held on Saturday, May 14. This is the only thing which remains to put the association in complete working order. Members are anxious to have everything in readiness for working out of their plans, that the benefits expected from the organization be not long delayed. They believe they have hit on the best possible scheme for protecting credits, and are desirous of testing its worth.—H.

SOUTHEAST.

Newport News, Va.—On account of the poor outlook for export grain trade the eltrs. of the Chesapeake & Ohio Railroad were closed May 2.

Norwood, N. Car.—The Norwood Milling Co. incorporated, \$25,000 capital, to grind grain, deal in lumber, manufacture cotton goods, etc. T. C. Ingram is one of the stockholders.

Harrington, Del., May 7.—Grain trade slow here at this season; none moving. The outlook for growing crop very poor as to wheat; other crops not started. Wheat is too thin on the ground, failed to come up on account of late sowing last fall.—J. P. Masten.

SOUTHWEST.

Little Rock, Ark.—The E. L. Rodgers Grain Co. has succeeded the Capital Grain & Feed Co. and Price Shofner.

Abbeville, La.—The plant of the Planters' Rice Mill Co. burned Apr. 27 with 1,000 pockets of rice. Loss, \$80,000; insurance, \$50,000.

New Orleans, La.—Grain exports from New Orleans during Apr. amounted to 390,337 bus. of wheat and 289,036 bus. of corn; compared with 1,487,949 bus. of wheat and 1,026,449 bus. of corn for Apr. 1903, as reported by W. L. Richeson, chief inspector of the New Orleans Board of Trade, Ltd.

TENNESSEE.

Nashville, Tenn.-Miller & Co. are adding a large eltr, and automatic sacker to their warehouse

A prize corn exhibition will be held at the East Tennessee Farmers convention at Knoxville, Tenn., June 1, 2 and 3.

Nashville, Tenn.-The Nashville Grain Dealers Assn. has subscribed several hundred dollars for completing the Hermitage, the Tennessee building at the World's

Memphis, Tenn.—At a recent meeting of the board of directors of the Merchants Exchange the secy. was instructed to request members not to act as private arbitrators.

Nashville, Tenn.—Grain receipts at Nashville during Apr. were 584 cars, a decrease of 550 cars from receipts of Mar. Hay receipts for Apr. were 526 cars. a

Hay receipts for Apr. were 526 cars, a decrease of 177 cars from receipts of Mar.

Nashville, Tenn.—McGavock, Son & Smuthermon have succeeded McGavock & Son, M. N. Smuthermon having been admitted to partnership. The firm intends doing a large shipping as well as local grain business.

Nashville, Tenn., May 2.—Business has picked up within the last few days on account of the advance in future markets. Shippers are all looking for good business in south and southeast from now on.— Geo. W. Hill & Co.

Memphis, Tenn.—E. R. Gardner, the new chief grain inspector of the Mer-chants Exchange, was in Chicago last week, to get pointers on the best methods of conducting the new weighing department of the Merchants Exchange.

Nashville, Tenn.-The following mem-Nashville, Tehn.—The following inclineers have joined the Grain Dealers Assn. recently: The Delta Bag Co., of New Orleans, represented by Geo. W. Hill & Co.; the D. Rothschild Grain Co., Davenport, Ia., represented by Albert Rothschild; the Hughes Warehouse & Eltr. Co., of Nashville

Nashville, Tenn.—Hughes, Green & Co. have dissolved partnership, J. A. Green continuing in the feed business as Green & Worke at the same place. H. H. Hughes will operate the warehouse and eltr. now being built under the firm name of the Hughes Warehouse & Eltr. Co. and will do a receiving business. will do a receiving business.

W. W. Ogilvie, Commissioner of Agriculture for Tennessee, says that indications point to a much better wheat yield this year than last. With favorable weather conditions he thinks it safe to estimate that the yield in Tennessee will be not less than 75 per cent of the average for five years past, and it may run as high as 90 per cent. oo per cent.

Knoxville, Tenn.—J. Allen Smith & Co. afe increasing the capacity of their plant to 2,400 barrels daily and improving it generally. A new power house is being erected across the street from the rest of the plant and the power will be transmitted by a wire rope thru a tunnel to the main buildings. It will be absolutely fire proof and no insurance will be carried on this part of the plant. The foundations of all the new buildings will be of solid

Memphis, Tenn.—The establishment of weighing bureau at Memphis is as-

sured by the action of the directors of the Merchants Exchange, May 5, in adopting the recommendations of the committee of grain receivers, which has been working out the suggestions made by the advisory committee of the Grain Dealers National Assn., which visited Memphis during the Assin, which visited Memphis during the winter. The receiver's committee, which is composed of H. H. Maury, Arthur R. Sawers, Chas. D. Jones, T. B. Andrews and W. P. Brown, was delayed in completing its report by the congested condition of traffic which prevented the railroads from setting aside the necessary "hold tracks" for the concentration of grain and hay shipments. The roads have now set aside the hold tracks and assured the committee of adequate police protec-tion for the cars. As recommended by the local committee the Merchants Exchange will establish a department of weights, to be known as the Weighing Bureau of the Merchants Exchange, to conduct the weighing of grain at all the public and private eltrs, and warehouses in the city, private eltrs. and warehouses in the city, to be under the direct supervision and control of a chief weigher appointed by the Exchange, who will employ the necessary deputies and issue official certificates of weight. The weighing fee will be 35 cents per car, to be paid by the shipper. At the same time that the recommendations of the committee were adopted the directors appointed a chief grain inspector directors appointed a chief grain inspector in the person of E. R. Gardner, who is well qualified for the position, which will include the supervision of the new weighting ing department.

TEXAS.

Bowie, Tex.—Sanders & Bailey have succeeded Sanders Bros.

Houston, Tex.-O. C. Drew has succeeded Jules Hirsch in the grain business.

Bonham, Tex.—The Bonham Mill & Eltr. Co. is increasing its storage capacity to 140,000 bus.

Nederland, Tex.-The Nederland Rice Co. incorporated, \$50,000 capital, to build and operate a rice mill.

Ozro, Tex.—The Ozro Grain Co. in-corporated, \$50,000 capital. Incorporators, J. H. L. Jackson, R. K. Edwin and F. B.

Bonham, Tex., May 6.—The wheat prospect, in this section, is good, but are having too much rain now.—Bonham Mill &

Whitesboro, Tex.—The Abney-Marshall Co. has succeeded the W. H. Marshall & Sons Co. It intends building a small It intends building a small track eltr.

Remember the annual meeting of the Texas Grain Dealers Assn. to be held May 20 and 21 at Fort Worth, Tex. All regular dealers are invited; and a good time is assured.

Lampasas, Tex., May 4.—This section of the state has had splendid rains but too late for most of our small grains. Corn not a good stand but looking well; acreage small.—W. C. Price.

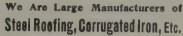
Navasota, Tex., May 5.—The outlook for the corn crop is very bright. Farm-ers are well up with their work and the entire country in this section has had fine rains. Small grain doing well.—Navasota

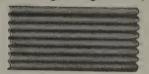
Sherman, Tex.—The Pittman & Harrison Co. has succeeded Pittman & Harrison, the interest of Mrs. A. H. Pittman having been purchased by Dick O'Bannon and E. L. Benzel, Jr. The company has purchased 228 ft. along the Frisco road and will build a combined warehouse and

THE CORN SHELLER

which is not easily broken by foreign substances admitted with corn is the cheapest in the ong run. The average life of a Champion Sheller is 25 years.

R. H. McGRATH, Lafayette, Ind.





We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

SYKES STEEL ROOFING CO., Chicago, III.

The F. R. Morris Continuous GRAIN

CONDITIONER AND COOLER

The greatest invention yet devised for keeping grain stored in elevators in condition. Saves its cost every month in the year. Once passing thru the machine equals a week's constant elevation. Can be installed in an elevator at a cost not much exceeding an ordinary cleaning machine. Parties having them in use say they are indispensable.

For information address

F. R. MORRIS,

51 CHAMBER OF COMMERCE, MILWAUKEE, WIS.
Also Manufacturers the best Drier
in the World.



eltr. Corn milling facilities will be installed and machinery for cleaning and handling of all kinds of grain.

Prosper, Tex.—The Prosper Mill & Eltr. Co. is a new firm at Prosper. It is equipped for handling grain of all kinds and has a storage capacity for 25,000 bus. It is composed of D. C. Cambest, W. P. Rarex and C. E. Beauland.

Commerce, Tex.—The Commerce Milling & Grain Co. is building a 40,000 bu. steel grain storage tank, which will increase the grain storage capacity to 100,000 bus. This tank will be ready for the new crop of wheat.—M. L. Moore, secy.

Frost, Tex., May 5.—Nothing is being done in the grain business at Frost this year, for there is but little grain in the vicinity for sale. However, we have a fine prospect for a grain crop just now, with a fine season in the ground.—J. R. Fench.

Clifton, Tex.—The nill of the Clifton Steam & Water Mill Co., which has been inactive for several months, is being renovated thruout and put in good shape for the new crop, which promises to be fair owing to recent good rains.—P. E. Schow & Bros.

Bartlett, Tex., May 5.—Our oat crop will be much smaller than last season, owing to short acreage and dry weather. Wheat 7½% off owing to small acreage. Corn acreage about the same as last season. Crop growing nicely; from knee to half that height. Plenty old corn in hands for use.—J. T. Reese.

Waxahachie, Tex., May 3.—Recent rains have materially improved prospects for wheat and oats in this section, and, if nothing happens, we look for a fair crop, altho the acreage is rather light in this immediate section. Corn has a fine stand and looks well. We are almost having a bran famine in Texas.—Sleeper Grain Co.

Crawford, Tex., May 6.—Fine rains here May 4 and 5 and again this morning. Wheat and oats will be very much improved, in fact to the west of us before the rain, 6 to 8 bus. is all they would have made, but now they will spread, fill out and make at least 15 bus. Have some that will make 20 bus. or more. Farmers are now happy. Good season in ground and cotton will take new life.—Nichols & Co.

San Marcus, Tex., Apr. 26.—Very little rain this winter; our oat crop is a failure; will be none to thresh. Corn looks well now, about 16 ins. high. Last year we raised good corn, but the old corn is about all gone. Quite a cold spell is on us here now, nearly frost. We are getting quite a lot of bulk shelled white corn at 50 cents per bu., enough to last us 60 days, when we will have to get northern corn and then our troubles will begin in hot corn. We had all we wanted last year.—Lake & Griffin.

Galveston, Tex.—Grain exports from Galveston during Apr. amounted to 192,720 bus. of wheat and 386,195 bus of corn; compared with 940,640 bus. of wheat and 281,744 bus. of corn for Apr., 1903, as reported by C. McD. Robinson, chief inspector of the Galveston Board of Trade. Exports from Sept., 1903, to May 1 amounted to 10,815,371 bus. of wheat and 3,397,713 bus. of corn; compared with 9,640,576 bus. of wheat and 4,340,015 bus. of corn for the corresponding period of the preceding crop year.

TEXAS LETTER.

C. L. Moss, Dallas, says: "Corn has made a good stand and the outlook is very promising. The recent rain has bettered the small grain crop considerably and the prospects are for a good crop. Not much will be raised in the panhandle, as the crop was so badly impaired before the rain that it did not much good for wheat and oats, other crops will be benefited."

During this week very heavy rains have fallen in the panhandle and in west Texas, and while as a general rule they came too late to be of any material benefit to the wheat and oats there is still time to make a fair corn crop in the panhandle, where there is little chance that there will be more than enough of the small grain for local use. What is produced will not get on the market, as the farmers will likely take all that is raised and then they will probably buy more for seed for the next season. Late reports from the central grain belt are getting more encouraging daily and there is every possibility that this region will raise a very heavy crop of small grain. The hay harvest also promises to be a good one. Corn has made an excellent stand and is doing well. Texas will produce a heavy crop of corn this season.—J. S. W.

WISCONSIN.

Oshkosh, Wis.—Libby Bros, have bot out Newell & Lewellyn.—T.

Oakfield, Wis.—The Oakfield Eltr. Co. contemplates remodeling its eltr.

Mayville, Wis.—The Farmers' Eltr. Co. contemplates the erection of an eltr.

Manitowoc, Wis.—The Northern Grain Co. contemplates the erection of a large storage warehouse.

Sherwood, Wis.—The Wisconsin Malt & Grain Co. contemplate giving its eltr. and warehouse a new coat of paint.

Hustler, Wis., May 4.—Most of the farmers are going into the dairy business and grain is scarce for shipment.—J. H. Morrill.

So. Byron, Wis., May 4.—The seeding is about half done in this vicinity. The barley will be all in by the last of this week.—Geo. A. Beernink.

Milwaukee, Wis.—B. Frank & Co. is the name of the new company which started in business May I. It is composed of B. Frank and W. F. C. Krull.

Fond du Lac, Wis.—Report has it that a project is on foot for securing parties to build an eltr. at North Fond du Lac. Jas B. Watson, of Vandyne, is said to be interested.

Ellsworth, Wis., May 3.—Seeding is about all done in this locality. The crop is put in in the best shape it has been for years. Ground worked fine, all uniformly dry.—F. W. Hines.

Sherwood, Wis., May 6.—The crops in this part of Calumet county are somewhat back owing to the severe winter and late spring, but the outlook at the present time is very satisfactory for a good crop.—J. P. Klassen.

Milwaukee, Wis.—The directors of the Chamber of Commerce have warned members not to execute orders for the Mack Commission Co., who advertise that they do business on the floor of the Chamber but are in fact not members.

Plattesville, Wis., May 3.—The prospect for small grain is fair and a much

larger acreage than usual has been seeded. With present outlook farmers will soon get corn planted. On account of the late spring farmers are very busy and with such fine weather we now look for wa a fine crop in the fall.—T. C. Hawley & Co.

Lena. Wis., May 4.—We are having very nice weather and seeding is nearly finished. Grass is growing nicely, althothe ground is very dry and we need rain very badly. The grain trade here is very good; farms are improving nicely, althothis is a new farming country, and much of the wild land is being taken up and cleared. The general crop is oats and peas. Not much of any other grains being raised althothey do well.—J. N. Bassett.

The Milwaukee Chamber of Commerce has arranged the following entertainment for the convention of the Grain Dealers National Assn.; Morning of June 23rd, at ten o'clock, entertainment of the visiting ladies by carriage ride, to conclude with one o'clock lunch at the Pfister Hotel. Evening of the 23rd, promenade concert at the Chamber of Commerce, with Clauder's Band and vaudeville numbers. Morning of the 24th, car ride to Whitefish Bay, with light refreshments for the ladies. Afternoon of the 24th, at two o'clock, boat ride on the lake, with Dutch lunch.

o'clock, boat ride on the lake, with Dutch lunch.

The committees appointed by the Milwaukee Chamber of Commerce for the annual convention of the Grain Dealers National Assn. are: Executive Committee, W. M. Bell, chairman; B. G. Ellsworth, A. K. Taylor, Clark Fagg, Geo. H. D. Johnson, C. R. Lull. Ladies Reception committee: Mrs. S. W. Tallmadge, Mrs. David S. Rose, Mrs. John Bueger, Mrs. A. K. Taylor, Mrs. C. W. L. Kassuba, Mrs. Chas. R. Lull, Mrs. James A. Mander, Mrs. M. G. Rankin, Mrs. F. W. Teegarden. Reception Committee: B. G. Ellsworth, Clark Fagg, A. K. Taylor, W. M. Bell, C. R. Lull, Geo. H. D. Johnson, C. W. Leland, John Crittenden, John McGrory, J. A. Mander, Morrow S. Lowry, Julius Crandall, Harry Stratton, Walter Stern, Geo. Schroeder, W. N. Anderson, Frank Teegarden, S. G. Courteen, O. Z. Bartlett, S. W. Tallmadge, H. Franke, P. C. Kamm, Chas. Krause, M. G. Rankin, W. D. Sawyer, F. D. Hinkley, D. C. Owen, Louis Runkel, Gus Holstein, John Buerger, John Foley, C. W. Schneider, Walter Kassuba, J. V. Lauer, Geo. K. Knowles, Ben Dailly.

MILWAUKEE LETTÉR.

Chamber of Commerce memberships are again advancing, the last sale having been made at \$505 net, or \$100 more than in the week previous.

It has been the experience of receivers here that every year some of their correspondents put off shipping in barley until the very end of the season, when it is practically unsalable, and they are sending out warnings not to delay too long this year.

Among those who have recently purchased memberships in the Chamber are W. S. Gibnardt, F. D. Ware, J. J. Campbell, Geo. E. Root, J. N. Weinard, Arthur W. Rixey, A. O. Jones, Arthur Leask, R. V. McNellis, R. J. Zorge and W. E. Davis.

Wheat and rye of milling quality continue in excellent request, as do also oats suitable for the feed trade. There is practically no corn offering, but the few

loads that are coming bring exceptionally favorable prices as compared with other markets. Seed of all kinds is salable at quotations, flax still commanding a small premium over Chicago.

There has been much commendation by both shippers and receivers of the revelation made in relation to the case of Peter Weyer & Bro. against a local commission firm, as published in the Journal, and keen interest is felt in the outcome. It is said that any attempt at "whitewashing,"—such as has been foreshadowed in the newspapers and may be an accomplished fact when this correspondence is printed—will give the market a "black eye."

Much interest was aroused here by the Journal's editorial on "skimming," and the feeling was greatly intensified when Sec'y. Spoerri of the Wisconsin Grain Shippers' Assn. published a synopsis of the facts in the case of P. Weyer & Bro. vs. Karger Bros. Formal charges have now been filed with the directors of the Chamber and the conduct of the commission firm involved is being made the subject of a strict investigation by the appropriate committee.

Secy. Spoerri of the Wis. Grain Shippers' Assn., who recently returned from a trip through the central part of the state, feels greatly encouraged over the outlook for the future, having found much greater interest taken in the work of the Assn. by dealers than at any time heretofore. He brought back ten applications for membership and indications point to a material increase before the annual meeting of the National Assn., which Mr. Spoerri believes will be very largely attended by the grain men of this state.

The work of the Wis. Assn., which devolves almost entirely on Secy. Spoerri, has been carried on under difficulties which would utterly dishearten a man with less "grit," and he deserves great credit for what he has accomplished in the face of the apathy manifested until recently by the majority of dealers. The good work done, however, is now beginning to tell. Buyers having trouble at their stations or with consignees hear reports of difficulties that have been adjusted for others, and they are turning to Secy. Spoerri to secure relief.

A liberal fund is being raised among local grain men for the entertainment of visiting delegates to the Grain Dealers' National Convention, and the committee entrusted with making up the program of "attractions" is busily engaged. The several members may be seen conferring with each other, in groups of two or three, at almost any hour of the day, and if the results are equal to the earnestness displayed, the dealers from out of town will not find that time hangs heavy on their hands. Mayor Rose will welcome the visitors at the Plankinton, and a strong effort is being made to have Gov. La Follette deliver an address towards the close of the session.

The active demand from maltsters, which was the principal feature of this market for the past 3 weeks, has fallen off again, and choice qualities do not command the premium that they did. Warm weather promises to set in very early this season; in fact, the beginning of May has been positively hot, so that the large malting plants are likely to be shut down before many weeks are over and it behooves dealers to get what they have forward, as far as possible, while there is still a fair demand. With the stocks now being held maltsters are not disposed to buy very free-

ly, but they will continue to pick up a little from day to day, in order to have enough on hand to start with, next fall, before the new barley is fit for use.—T.

Supply Trade

Your advertising, like every other department of your business, ought to grow as your trade grows.—Jed Scarboro.

The International Power Vehicle Co. of Chicago, Ill., has issued a 4-page folder giving specifications and prices of kerosene oil engines.

The Columbus Machine Co., of Columbus, O., has recently received orders for three gasoline engines of 60 h. p. each for use in canning factories.

The Milwaukee Bag Co., of Milwaukee, Wis., was robbed Apr. 23 of a valise containing \$1,200. The money was taken from the desk of the treasurer.

The Jeffrey Mfg. Co., of Columbus, O., has issued an 8-page illustrated supplement to the Century rubber belt conveyor catalog, describing the sectional conveyors manufactured under the Anderson patents.

The mammoth 5,000-h. p. engine of the Allis-Chalmers Co. in Machinery Hall at the St. Louis World's Fair, required 21 cars for its transportation. The weight of the engine is 720 tons. The flywheel is in 10 pieces and its weight is 116 tons.

The John S. Metcalf Co., of Chicago, Ill., is arranging to erect a large warehouse at Aurora, Ill., as a center for the storage of the heavy machinery used in the building of elevators. To facilitate the distribution of the material a branch of the C., B. & Q. R. R. will be built to the warehouse.

The Canadian business of the Allis-Chalmers Co., of Chicago, Ill., which recently acquired the Bullock Electric Manufacturing Co., of Cincinnati, will hereafter be conducted by a new organization bearing the name Allis-Chalmers-Bullock, Ltd. The works and principal offices of this important, new Canadian company are at Montreal, Que.

The Steel Storage & Elevator Construction Co., of Buffalo, N. Y., has received the contract to construct a steel elevator of 50,000 bus. capacity for the Hannibal Milling Co., Hannibal, Mo.; steel wheat storage tanks for the Newton Mill & Elevator Co., Newton, Kan., and Burge Milling Co., Marion, Ind., and a corn storage tank for the St. Lawrence Starch Co., Port Credit, Ont.

Once you create a demand by advertising, for any article of merit you make or sell, you can compel the trade to handle it upon your own terms. Dealers who would succeed must keep what the public wants. You needn't spend so very much money in advertising. Use only the best mediums, but STAY in them. The best mediums cost more money, but you are surer of getting it back. Bargains in advertising space are all waste. If you are limited in resources make your start with one good medium, cultivate your little farm of space thoroughly, sow your seed in the spring, and don't expect a paying crop until the proper harvest time—in the autumn.

The Best Car Mover

moves any size car, loaded or empty, with ease, under any ordinary condition. Works under the brake beam. Shipped promptly to responsible parties on 30 days' trial. Never had one returned. No elevator equipment complete without one.

O. S. POTTER, TOLEDO, OHIO.



Standard Scale & Foundry Co.



SCALES

RAILROAD, DORMANT, SUSPENSION, PORTABLE, STOCK, WAGON, HOPPER, WAREHOUSE

KANSAS CITY, MO.

Grain Purifying

For improving the condition and selling value of oats and feed barley should be as common as cleaning corn, and is certainly much more profitable. Many others do it, and you are throwing money away when you fail to do it.

We have been granted the only Process Patent ever issued by the United States Government for doing this work, and we can do finer work than was ever done in this branch of grain handling.

If you are interested, write us and we will send you descriptive circulars and samples of grain showing the results of purifying.

Address

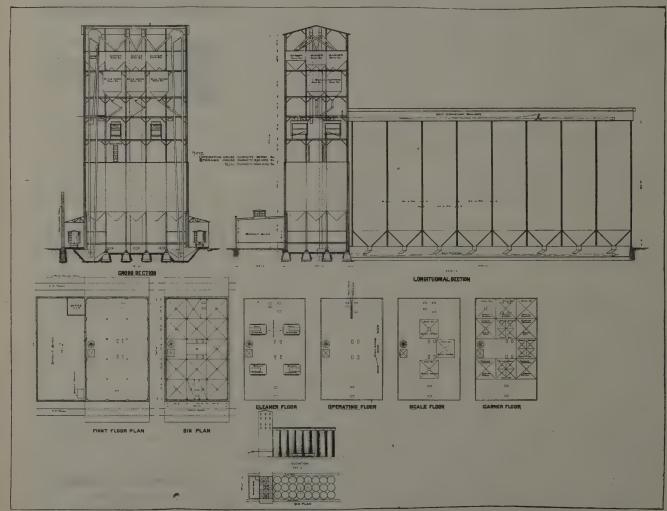
CALDWELL & BARR,

EARL PARK, IND.

The GRAIN JOURNAL



Fireproof 1,000,000-bushel Elevator Constructed of Hollow Tile with Steel Operating House, for Albert Schwill & Co.; at So. Chicago.



Plan of Modern 1,000,000-bushel Tile Elevator of Albert Schwill & Co., at South Chicago.

The GRAIN FALERS JOURNAL

New Fireproof Elevator at Chicago.

Fireproof elevators are becoming more and more numerous in all terminal markets and the time seems not far distant when the higher insurance rate on the frame elevator and its contents will forbid its use as a storehouse for large quanti-

ties of grain.

The latest elevator of this character to be completed at Chicago is the modern million-bushel tile elevator of Albert Schwill & Co., at South Chicago, which is illustrated on the facing page. The elevator is to be used for handling and storing barley and malt in connection with the firm's malt house adjoining.

the firm's malt house adjoining.

The working house of the elevator proper is 45x75x170 feet high. It is constructed of steel, with concrete floors and outside veneer of brick and hollow tile. It contains 14 steel bins for storage purposes. The lower story is supplied with two sacking platforms, 8 feet above the first floor for sacking malt for shipment in bags. The sacking platforms are supplied with sack chutes to load sacks into cars.

At the south of the elevator is a large sprout shed, equipped with sprout packer,

sprout shed, equipped with sprout packer, furnished by Barnard & Leas. The 200 h. p. motor is in a separate room in the sprout shed, equipped with switch board,

On each side of the first story of working house is a track shed. The east shed contains a sink for a receiving elevator of large capacity. The west track shed contains track scales for weighing of cars after being loaded with sacked mail. On the first floories heavy greated car puller. the first floor is a heavy geared car puller arranged to pull cars on either of the two tracks. On the west side of the building is located an elevator for receiving malt by means of a screw conveyor from the malt house and elevating to the top story of the building. Near the middle of the elevator are located two transfer legs which are tributary to the middle belt conveyor from the storage house. These two legs are to be used to facilitate the transferring of the grain to any part of the house.

Each of the five eltr. heads is supplied with a turn head operated from the scale floor by means of indicator wheels and levers. These turn heads are the scale floor by means of indicator wheels and levers. These turn heads are entirely enclosed in a dust-proof steel housing, which keeps all dust inside of the head and spouts. Each turn head discharges grain to either of three garners. On the garner floor are 10 steel garners to facilitate the cleaning and handling of barley and malt. Four of the garners are directly over the cleaning machines and connected to them with steel spouts. Three of the garners are over the scale hoppers of the garners are over the scale hoppers and the remaining three are for storage for barley for 24 hours run of the malt house. The barley from these garners, by means of permanent spouts, is discharged to a screw conveyor which carries the barley into the malt house and discharges it to the steen tanks

Darley into the malt house and discharges it to the steep tanks.

On the scale floor just below are three Fairbanks scales, with steel hoppers of 2,000 bushels capacity. Each scale is equipped with a recording beam.

The three telescoping spouts under the scales, in conjunction with permanent spouts and two additional beautiful discharges.

scales, in conjunction with permanent spouts and two additional telescoping spouts on the bin floor, enable the operator to distribute grain to any one of the bins below or to either of the belt conveyors running out over the tile tanks.

Each cleaning machine is piped to a dust collector furnished by H. L. Day. On

the cleaner floor below are four Invincible steel cleaners, two for barley and two for malt. The barley machines discharge the grain direct into an Invincible Needle Screen below, which in turn discharges the grain into the bins.

Three belt conveyors running underneath the storage tanks bring the grain to the middle of the working house and dump it into the receiving sinks of either of two transfer legs, the receiving leg or malt leg, which re-elevate the grain to the top of the working house.

A short leg with its boot on bin floor is also provided for re-elevating barley.

The storage part of the elevator consists of 24 tile bins arranged in three rows of eight each. Each bin is 24 feet in diameter and 97 feet deep, has hoppered bottom and discharges on to one of these 30-inch belt conveyors.

The fourteen spaces between the circular bins is also used for storage.

The elevator is equipped with a circular

iron stairway, running from the floor to the top of the working house and also a passenger elevator.

The house was designed and constructed by G. M. Moulton & Co., all of the machinery being supplied by the Webster Mfg. Co.

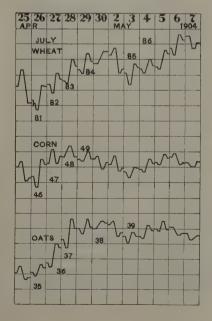
Receipts of Wheat and Corn at Primary Markets.

Receipts of winter and spring wheat at the leading primary markets since July I and prior to May 10, have been 125,983,000 bus., compared with 235,473,000 bus. for the corresponding period of the preceding

Corn receipts at primary markets for the present crop year prior to May 10 have been 139,931,000 bus., against 122,-634,000 bus. for the corresponding period a vear ago.

Chicago Prices

The opening, high, low and closing quotations on July wheat for the new contract delivery, and on July corn and oats, at Chicago, for two weeks prior to May 9, are given on the chart herewith.



Choice Farming Lands

for sale on easy terms:
Three and three-quarter (3½) sections of the choicest farming lands in Assimiboia, Canada. The Canadian Pacific Railway is constructing a line from Lander, Man., west to Regina, Assn. This line will run either thru or along most of our land. Address, W. R. MUMFORD Co., Room 430 Rialto Bidg., Chicago, III.



SPEAR SAMPLE ENVELOPES

do not burst, break or leak. They deliver grain samples to destination intact and in good condition. Samples upon application.

Manufactured by Heywood Mfg. Co.,

Minneapolis, Minn.

Don't you want a

Sample Envelope

that will carry your samples of Wheat, Flax, etc. safely to desti-nation. We inspect each and every envelope before it leaves our factory. Write for Samples and Prices

Security Envelope Co.

Largest exclusive Hand Made Envelope factory in the U.S. 2900-2902 FIFTH AVE., So.

MINNEAPOLIS. MINN.

Best Sample Envelopes

Challenge Envelope Co.

Trenton, Mich.

Reduced Prices for 1904

SAMPLES SENT ON REQUEST.



CHICAGO

Supreme Court Decisions

An authorization and request by mortgagees to haul the mortgaged hops to a warehouse does not make the person so authorized the mortgagees' agent to ship the hops and take the shipping receipt therefor, or charge the mortgagees with such person's knowledge in reference thereto.—Zorn v. Livesley Supreme Court of Oregon. 75 Pac. 1057.

The suit of the Chicago Board of Trade against the Christie Grain & Stock Co., an alleged bucket-shop of Kansas City, Mo., will come before the United States Supreme Court for review, the court having, on April 25, granted the Board a writ of certiorari. It is hoped the Supreme Court will reverse the decisions of the federal courts of Indiana and Missouri.

Where a railroad company charges higher rates for carrying freight a less distance than its published rates for carrying it a greater distance in the same direction over the same road, it violates Rev. St. 1899, §§ 1133, 1134, prohibiting discrimination between localities, or charging a greater rate for a shorter haul, though it does not actually carry any freight the greater distance.—Cohn v. St. L., I. M. & S. R. Co. Supreme Court of Missouri, Division No. 2. 79 S. W. 961.

The fact that directors of a bank were culpably negligent in the supervision of the bank's business, and permitted the cashier to have exclusive management of its affairs, is no defense to an action by the receivers of the bank to recover from a commission company funds of the bank transmitted to such company by draft on its correspondent, over the cashier's official title, to be used in the cashier's private speculation.—Kitchens v. J. H. Teasdale Commission Co. St. Louis Court of Appeals, Missouri. 79 S. W. 1177.

In the bucket-shop suit of Geo. W. See against Chas. H. Runzi, operator of an alleged bucket-shop in Montgomery Co., and in St. Louis, the St. Louis Court of Appeals decided against the patron of the shop. The syllabus is: Under Rev. St. 1899, §§ 2221-2225, and sections 2337-2342, declaring fictitious sales and purchases to be gambling, rendering all parties thereto particeps criminis, and imposing penalties therefor, and section 3424, providing that any person who shall lose any money or property at any game or gambling device may recover it by civil action, such fictitious sales and purchases are not games or gambling devices, and a person losing money in such transactions cannot recover it under section 3424,—79 S. W. 992.

Where plaintiff purchased from defendants certain "puts," or an option to sell to defendants a certain quantity of grain at a fixed price within a limited time, and the evidence established that such contracts were merely speculative, and that the parties did not intend that any grain should be delivered or received, but that settlement should be made by payment of differences in the market price, such contract was in violation of Rev. St. 1899, § 2337, prohibiting all contracts for the sale of grain for future

delivery, where the intention was to settle by payment of differences, and section 2342, declaring that such contracts shall be considered gambling.—Lane v. Logan Grain Co. Kansas City Court of Appeals, Missouri. 79 S. W. 722.

Code Civ. Proc. \$ 734, provides that the register of deeds shall file and enter seed-lien statements in the manner required by law for the filing and entry of chattel mortgages. Section 740 has the same provision relative to threshers' liens. Civ. Code, \$ 4386 requires chattel mortgages to be filed and indexed with numbers in regular order, and entered in a book kept for that purpose. Held that the lienor's duty is performed when he files a seed or thresher's lien with the register of deeds, and, whether the register should index the lien in the chattel mortgage book or whether he should keep it in a separate index book, the lienor is not responsible nor is his lien impaired, if the register pursues the wrong course.—Schouweiler Bros. v. McCaull, Webster & Co. Supreme Court of South Dakota. 99 N. W. 95.

The secret profit of the promoters of the American Malting Co. was involved in the suit brot by A. A. Hutchinson and another against John W. Simpson and another. Of the \$30,000,000 capital stock there remained \$500,000 of preferred and \$7,740,000 of common not needed in acquiring malt properties, which the promoters appropriated. The decision in favor of Hutchinson has been reversed by the Supreme Court of New York, holding that an action predicated on the contract to compel the appellants to account for and turn over to the corporation the stock so appropriated, which was alleged to be a secret profit made by appellants at the expense of the corporation, does not lie at the suit of stockholders who were not signers of the contract, and wherein neither the subscribers nor the corporation were seeking a rescission of the contract.—87 N. Y. Supp. 360.

Stockbrokers who were carrying stocks for a client on margin, mailed him on May 20th a letter saying the market was very weak, and that they had been compelled to sell out some of his holdings, but still held certain stocks for him. The letter proceeded: "Your margin having become low we did not know just what you wished to do, but had to proceed as stated above. If you desire us to hold your stock kindly advise us before the opening of the market Thursday (May 21) and let us have a check, otherwise we will take it for granted you do not wish us to hold them for you." The client made no reply to this letter, and the brokers sold the stock on June 5th. Held, that the client's silence could not be construed as a direction to sell the stock on May 21st, so as to charge the brokers with the highest price obtainable on that date.—Lynch v. Simmonds. Supreme Court of New York. 87 N. Y. Supp.

An English court recently gave a decision on the following clause of a bill of lading commonly used. "If the parcel herein signed for constitutes part of a larger bulk shipped, without separation into parcels, as per bills of lading, each bill of lading shall bear its due proportion of shortage or damage and of sweepings, if any." The corn was shipped by the steamer Palestrina from Odessa to London. After the holder of one of

the bills of lading had received his share of the cargo it was discovered that the corn was heating. The heated grain was placed on the dock and there apportioned among the remaining different holders of bills of lading. One importer refused to accept a share of the heated maize and brot suit for short delivery, In deciding in favor of the ship-owner the court said: Plaintiffs contend that the ship-owner's obligation is not discharged by a mere delivery of the bill of lading quantity, but delivery must, with a bill of lading containing the clauses mentioned, be made of the proper proportions of sound and damaged. I am of opinion that the words in the bill of lading put no such burden on the shipowner and it would be very unreasonable if they did.

The Supreme Court of Canada in the suit of the Midland Navigation Co. against the Dominion Elevator Co., of Winnipeg, Man., on Apr. 27, affirmed the decision of the court of appeal, reversing the judgment of the lower court. On Nov. 23, 1901, the elevator company chartered the steamer Midland Queen under a telegram which read "Confirm Midland Queen, Load, Fort William on or before noon, 5th Dec." When the Midland Queen arrived at Fort William on Dec. 5, a number of vessels were ahead to load and the boat could not get up to the elevators. To save the marine insurance the boat left Fort William without the elevator company's cargo; and the steamship company brot suit to recover the loss of freight on 100,000 bus., amounting to \$4,500, for which judgment was obtained in the lower court, from which the elevator company appealed. The Supreme Court held that the Midland Queen, not having fulfilled its contract, was not entitled to any damages; but, on the contrary, the elevator company was entitled to damages for the breach of contract by the Midland Queen, which necessitated the elevator carrying over during the winter a large quantity of wheat which the steamship company had contracted to carry.

Plaintiffs owned a grain elevator capable of handling 20,000,000 bushels of grain in a season. Owners of other elevators at the same port formed an association, and agreed to accept as compensation one-half cent per bushel on all grain coming into the port for delivery to any elevator, to be distributed according to a schedule agreed on by the elevator owners in the association. The association entered into contracts with railroad companies providing that the railroad companies would pay to the association one-half cent a bushel for all grain transported by them which came into the port directed to any elevator, and whether the grain was handled by the elevators in the association or not. When the association and the railroad companies commenced operations under the contracts, the railroad companies refused to carry grain sent through plaintiffs' elevator unless the shipper paid them an additional half cent per bushel. The evidence showed that the railroad companies conspired with the association to injure plaintiffs' business and to prevent competition in elevating grain at the port, and that, for the purpose of carrying out the conspiracy, the association was formed and the contracts made. Held, that the association and the railway companies were liable to plaintiffs for the injuries sustained because of the railroad com-

panies substantially discriminating against plaintiffs and in favor of the association, to which discrimination the association was a party.—Spencer Kellogg et al. v. George P. Sowerby et al. Supreme Court of New York. 87 N. Y. Supp. 412.

The Merchants & Manufacturers Warehousing Co., of New York, arranged with Reuben H. Shotwell, a miller of Jackson Co., Mo., to lease his grain warehouse and issue certificates on grain stored therein. The warehouse company had its sign on the building and on bins inside. Shotwell borrowed on the security of the receipts from S. V. Smith, and the warehouse company would let Shotwell have a proportionate amount of the grain whenever he repaid part of the loan, as shown by Smith's indorsement on the receipts. Chas, O. Proctor, who had a claim against the miller, sued out an attachment and levied upon a lot of buckwheat in the warehouse. Smith then intervened, claming the grain as the holder of the warehouse certificates. The decision of the circuit court, in favor of Smith has been upheld by the Kansas City Court of Appeals, saying: Much has been said by plaintiff to show that the receipt held by interpleader was not what is technically known as a "warehouse receipt," and that its transfer to interpleader did not, and could not, transfer possession, of the property. It can make no difference in the result which must be reached in this case whether the institution styled "Merchants' & Manufacturers' Warehousing Co. of New York," was what would properly be designated a "warehouseman." It was in possession of the grain, and was at least a bailee. Now, when property is not in the possession of a third party as bailee, an order for the property on its sale, or on its being mortgaged or pledged, and notice to the bailee, is all that is necessary to transfer the possession as against creditors of the vendor. How v. Taylor, 52 Mo. 592; Halderman v. Sillington, 63 Mo. App. 212; Worley v. Watson, 22 Mo. App. 546.—79 S. W. 728.

The control possessed by a shipper under an order bill of lading is the subject of a lengthy opinion by the Court of Civil Appeals of Texas, which, on Mar. 3, reversed a decision of the lower court. The Sherman Grain Co. had sold the Southern Flour & Grain Co., of Adairsville, Ga., 5,000 bus. of wheat. The Sherman Co. bot a car of wheat from Hughes & Johnson of Tom Bean, Tex. The Sherman Co. then filled out in duplicate one of the blank forms of a bill of lading of the St. Louis Southwestern Railway Co., mailed it to Hughes & Johnson at Tom Bean, requesting them to deliver the wheat to the railroad for transportation, and obtain the signature of the railroad agent to the bill of lading in duplicate, and return one to the Sherman Co. The agent inserted the number of the car and the date. On receipt of one of the duplicates from H. & J., the Sherman Co. indorsed the bill of lading in blank, attached thereto its sight draft on the Southern Flour & Grain Co., for \$377.79 payable to the Grayson County National Bank. The connection of the Sherman Grain Co. with the shipment ended with the bank passing the amount of the draft to its credit. When presented, payment of the draft was refused by the Flour & Grain Co., on the ground that there was shortage in various shipments of wheat made

under the contract. En route the grain was transferred at Memphis, Tenn., to the Nashville, Chattanooga & St. Louis Ry., with a way bill made out by the St. Louis Southwestern Ry. showing the Flour & Grain Co. to be the consignee, and nothing to indicate that the shipment was to the shipper's order. After collecting freight charges of \$ILLO7 the collecting freight charges of \$111.07 the railroad company delivered the car to J. M. Veatch & Co., at the request of the Southern Flour & Grain Co. The Grayson County Bank, which had discounted son County Bank, which had discounted shipper's draft, brot suit against the N., C. & St. L. Ry. As made out by the Sherman Grain Co. the bill of lading left the spaces for the name of the consignee blank. In the margin below was written "Southern Flour & Grain Co." but the customary words "shipper's order, notify" were omitted. The railroad company introduced testimony proving that it was customary for railroads. ing that it was customary for railroads to consider such a bill of lading as an open one and to make delivery to the party named, without requiring produc-tion or surrender of the bill of lading; and that it is usual to leave the space for the name of the consignee in the body of the instrument blank, and write the name of the consignee in the margin below the printed matter under the head of "marks and numbers," putting the words "S. O. notify" above the name of the party to be notified in case of shipment to shipper's order. The bank proved that it knew nothing about any such rules, usages or customs. The lower court considered that the words "S. Q. notify" should have been written in by the Sherman Grain Co. and gave judgment against the bank. In reversing this decision the Court of Appeals said: "Southern Flour & Grain Co., Adairsville, Ga.," cannot, by any rule of construction, be read into the blanks appearing in the bill of lading, and thereby change its meaning so as to make an entirely different contract from make an entirely different contract from that which the instrument shows upon its face was made between the parties. An inspection of the original bill of lading shows that there was ample space in the unfilled blanks to write the words, and it is to be presumed they would have been written there if the contract made by the parties were such as is contended for by the appellee. Such words, written where they are, in the margin, simply in-dicate, when all the facts connected with the transaction are considered, the the transaction are considered, the name and address of the consignee. They were evidently written where they were to prevent the construction contended for by the appellee, so that it might clearly apthe appellee, so that it might be delivered at the point of destination to the assigns the Sharman Grain Co.—79 S. W.

Exports of wheat during Mar. were only 1,212,943 bus.; compared with 4,811,892 bus. during Mar., 1903. Exports of wheat flour have been well maintained, being 1,301,152 barrels for March; compared with 1,469,485 barrels during Mar. last year, as reported by O. P. Austin, chief of the bureau of statistics.

Philippine imports of breadstuffs during the II months prior to Dec. I were 65,378 bus. of oats, 78 bus. of corn, 432 bus. of barley and 181,392 barrels of wheat flour; compared with 6,02I bus. of oats, 133 bus. of corn, 19,636 bus. of barley and 171,625 barrels of wheat flour during the corresponding months of 1902, as reported by the War Department.



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A 500-page book in buckram explaining speculation and exposing bucket shop and "get-rich-quick" schemes. A book for the shipper, the farmer, the broker, the investor, the speculator, the lawyer and the student. Copiously illustrated. Price, \$2.18 postpaid.

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BULLETIN No. 3.

WARNING—If you have any old fogy ideas against advertising better not read these bulletins, because if you do you're liable to be converted from them in spite of yourself.

The "Lobster"

A "Lobster," is a man who has so much mud in his make-up that you can't puncture his shell.

It's like talking to a cold pudding to talk advertising to a "Lobster."

Men-Lobsters spend more for "standing-ads" in base-ball programs, special editions and other fake sheets, than would run a good, common sense, business producing advertising system.

Ask one of them if he does any advertising and he'll say: "No! we only carry a 'card' in one or two papers; advertising doesn't do us any good."

"Lord a' mighty, I'd hate to be a Lobster"."

If you want to invest anywhere from \$50 to \$50,000 in advertising, let's get together.

Marsh Advertising Agency, New York Life Building, Chicago.

Send 6 cents in stamps for "The Book on the Bucket Shop."

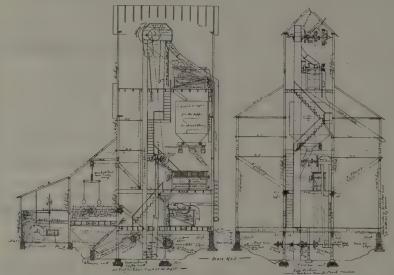
Plan of Corn Elevator and Feed Mill.

While feed grinding is sometimes a profitable addition to the business of the grain dealer it is not often that eleva-tors when built are provided with proper facilities, the feed mill usually being in-stalled as an afterthought and located inconveniently.

A good example of convenient arrangement of a feed milling plant in a grain clevator is furnished by the house recently completed for the Lenapah Grain & Hay Co., at Lenapah, I. T., by Wm.

is operated at any point and fills the dump the entire length, the trolley running on an I-beam track. The dump hoist consists of a winding drum and worm gear. From the drum a cable runs to the first sheave in the trolley, thence under the snatch block over the second sheave in the trolley, and is made fast at the opposite end of the building, thus permitting the trolley to be drawn from one end of the dump to the other without changing the height of the hub cables. The dump is filled through trap doors

From the dump the grain is delivered to the elevator by a drag, invented by



End and Side Section Plans of 12,000-bu, Elevator.

W. Lockwood, engineer and mechanical expert, whose plans are reproduced in the engravings herewith, showing end and side sections.

The main building is 24 x 36 ft. 28 ft. high to the plate, surmounted by a cupola 12 ft. wide and 20 ft. high. The entire first story is used as work floor and wareroom, and above it are 6 bins with a combined capacity of 10,000 to 12,000 bus. The outside walls are sheathed with shiplap, put on bottom side up and all boards running diagonally to serve as braces. The inside walls of the grain bins are lined with 4-in. flooring. The house is sided with lap siding, and all painted with fireproof paint.

An annex under a shed roof contains the offices, dump and power plant. The 18-h.p. Thompson-Lewis Gasoline Engine is set at the track level, while the office floor is even with the dump floor.

The machinery consists of one stand 28 ft. high to the plate, surmounted by a

The machinery consists of one stand of elevators having 16 x 7 steel corn buckets, a special self-contained elevator head and boot; large combination sheller and cleaner made by Wm. W. Lockwood, Eureka Double Receiving Separator for small grain; one 6-roller Nordyke & Marmon Roller Corn Mill, one stand of small elevators delivering the product of the mill to a hexagon reek.

An interesting detail of this plant is

the mill to a hexagon reel.

An interesting detail of this plant is the power dump, the invention of Mr. Lockwood. Two steel wire cables are suspended from a lever, each having a ring of proper size to slip over the hub of a wagon wheel. The lever is provided with a snatch block, above which is a double sheave trolley. The apparatus

Mr. Lockwood, and intended to handle any kind of grain. When the contemplated large corn crib is built a special ear corn drag will be installed. The spouting throughout is large and prepared especially for handling ear corn. The cast-iron turnhead has a 16-in. hexagon spout operated by an indicator stand on the work floor. The loading spout is 16 ins. square, terminating in a 14-in. flexible spout.

is 16 ins. square, terminating in a 14-inflexible spout.

In the middle of the side of the building next the track is the 500-bu. Howe Hopper Scale, from which the grain goes direct to car or elevator. The outlets from all bins are provided with self-contained cast-iron bin gates or hopper bottoms, the hoppers directing the grain to the center of the house. The stems for all gates and levers for all clutches are brought to the work floor convenient for the operator, who has perfect control of all machines.

Power transmission from the gasoline Power transmission from the gasoline engine is by a 3-strand rope drive to line shaft under work floor, which carries friction clutch pulleys for all machines it drives. The elevator is driven by a separate shaft and gearing, the pinion being provided with a friction clutch.

Exports of rice products during the 8 months prior to Mar. I were 818,286 pounds of rice and 24,297,565 pounds of rice, bran, meal and polish; compared with 348,031 pounds of rice and 17,016,486 pounds of rice bran, meal and polish, during the corresponding period of 1002-3, as reported by O. P. Austin, chief of the bureau of statistics. bureau of statistics.

Grain Carriers

The Erie Canal was opened officially

The United States took possession May 4 of the Panama Canal works.

The Buffalo Elevating Assn. has continued its agreement for another year.

The reshipping rules of the southeastern lines were revised at a meeting held Apr. 28 at Louisville, Ky.

The Wichita Falls & Oklahoma Rail-road has been graded 22 miles between Byers and Wichita Falls, Tex.

Two cargoes of wheat are said to have been shipped recently from Galveston, Tex., by way of New York to Buffalo.

Contracts have been let for 30 miles of road extending the Great Northern from Thief River Falls to Strathcona,

Lake vessel owners look for an extremely dull season. Elevators contain little grain for shipment at the opening of navigation.

The St. Louis, Elreno & Western has been completed from Elreno to Guthrie, Okla., and surveys have been made 100 miles farther to Cordell.

On account of the late opening of navigation and difficulties in settling labor conditions 200 inside men at the Buffalo elevators were thrown out of employment May 2.

Lowering of the Chicago River tunnels will be considered at a meeting called by the U. S. engineer, May 18, under the Mann bill, approved by Pres. Roosevelt Apr. 27.

Navigation of the great lakes opened May I with the passage of the car ferry Pere Marquette No. 16 thru the straits of Mackinaw. The opening is the latest since May 4, 1888.

Vice-Pres. J. J. Joyce of the International Longshoremen, M. & T. W. Assn., visited Chicago May 4 to agitate the fight of the local grain trimmers' union against the "outside boss" system.

The Grand Trunk and the Canadian Pacific have made a reduction in grain rates from Chicago and Canadian points, effective May 2, to the basis of 11½ cents from the Chatham district to New York for export.

U. S. District Attorney Bethea heard testimony May 5, offered by the Coal Shippers Assn. of Chicago, against the Car Service Assn., which is alleged to be an illegal combination of railroads to prevent competition in services to ship-

The Illinois Central has issued a new tariff, No. F-2554, quoting rates on grain from stations on its northern and western lines to Louisville, via the Monon and Henderson routes and the So. R'y. This is not the usual proportional but a terminal tariff.—I.

The Bassett Grain Co., of Indianapolis, Ind., brot suit Apr. 26, against the B. & O. R. R. in the United States Circuit Court at Baltimore, Md., to recover \$9,000 alleged damages for failure to deliver within a reasonable time 40,330 bus. of corn shipped from various points in

Indiana to the Canton Export Elevator Co. in the autumn of 1902.

Having failed to effect a Having failed to effect a settlement with the representatives of the Masters & Pilots Assn. and the other seamen's unions at the Detroit conference the Lumber Carriers Assn. sent out notices May 4 to members to stop all expenses. Some of the owners have tied up their boats.

Grain rates east from Chicago have been reduced, effective May 2, 2½ cents domestic and 1½ cents export, making the new rates to New York, 17½ cents on domestic shipments, and 13½ cents for export. This tariff will expire July 31, instead Sept. 30, as in previous sea-

The Masters & Pilots Union is tieing up the boats that have been started, by calling off the mates, the captains being permitted to remain for fear of violating the federal law. Under the edict of Apr. Io no mate or captain is permitted to accept any position without the special sanction of the union.

A little corn is being shipped from Chicago by lake to Canadian ports and on boats to the coast, which are not affected by the strike on the lakes. A shipment of 75,000 bus. direct to New York by the of 75,000 bus, direct to New York by the steamer Kanawha is the first full cargo ever shipped direct without breaking bulk. The Kanawha will remain on the coast. Charters to May I are said to be less than 1,000,000 bus., while in some years the total to that date has been over 20,000,000 bus.

The Illinois Central has issued tariffs quoting rates to "Atlantic Seabord, Inquoting rates to "Atlantic Seabord, Interior and Western Terminal Points and Points in Canada," as follows: From Ill. & Ind. stations, N-2125 and N-1972 (the latter including Cape Girardeau, Mo., and Paducah, K'y); from East Dubuque, Ill., H-4254. Rates on other lines in the territory affected will, of course, be made to correspond, and shippers should make inquiry of the agents at their stations.—I.

their stations.—I.

Traffic officials agreed May 5 on a new schedule of rates to go into effect June 1. On through shipments the proportional rates from all Missouri river gateways to Chicago will be 12 cents per 100 pounds on wheat and 11 cents on other grain. The through rates from points in Kansas and Nebraska to Chicago, Mississippi river points, St. Paul and Minneapolis will be equal to the sum of the local rates, except from certain points naturally tributary to the Sioux City gateway. The rate on wheat to the gulf from lower Missouri river points will be 18 cents, and from Omaha 19 cents. The differential in favor of St. Louis against Chicago on grain from Missouri river points is reduced from 5 cents to 3 cents points is reduced from 5 cents to 3 cents per 100 pounds on all grain. From Oma-ha to Chicago the local rate on wheat will be 17 cents, and from Omaha to St. Louis 14 cents.

Hay exports for the 8 months prior to Mar. I amounted to 38,640 tons; compared with 36,069 tons for the same months of 1902-3, as reported by O. P. Austin, chief of the bureau of statistics.

Complying with the suggestions of the committee of the London Corn Trade Assn. the Millwall Dock Co., will substitute 4-bu. weighing machines for the I-ton hopper scales, the allowance for draftage on which has been a subject for criticism.

Grain Dealers and Provisions.

By Col. S. Rice.

The commission merchant sighed as he rose from the table and lit a cigar. "Yes," he said, in answer to a jocular remark, "I am a bit off my feed today. Some of our customers were heavily hit by the slump in pork this morning, but that is nothing unusual. What depresses me is the fact that among those we closed out was a resume following. we closed out was a young fellow in whom I have taken a sort of fatherly interest. The first time I met him was at whom I have taken a sort of fatherly interest. The first time I met him was at a political convention. He had been chosen from one of the backwater districts, where he had a little cross-roads saloon and grocery store. The boys all called him "Fritz" and guyed him because of his baby face, but before long they learned that his blue eyes and winning smile were only a mask for his native Swiss shrewdness.

"Two or three years afterwards the railroad went through his town, another followed, and it soon became desirable for Fritz to build an addition to his saloon as a "gasthaus" or hotel. Then the need was felt for a grain warehouse, and Fritz was ready to put that up too. Today he has a fine elevator, a model hotel—with of course a bar, and much other property in the growing town, and he has not yet reached thirty years.

"Ever since he started to shipping grain we have handled it for him, and I have never known of his losing his head until about two weeks are." Then

have never known of his losing his head until about two weeks ago. Then, through reading some sensational newspaper report, he got the idea that pork was too low and was bound to rise. When he handed out his views to me I tried to discourage them, asked him what he knew about the provision market, told him that a bunch of speculators could in fifteen minutes upset all the laws of supply and demand and so on, but he hung until about two weeks ago. ply and demand, and so on; but he hung to the idea, and rather than put him in the hands of strangers I booked his

the hands of strangers I booked his order.

"On the first trade he lost, on the secend trade he lost, and the gambling mania to recoup his losses took possession of him. I wrote to him advising that he quit and not take any further chances; but my answer was to buy on every ten cents decline and draw for margins. Today the end was reached. He still has his property; but it is mortgaged for all it is worth, and it will be a long, hard struggle before he can regain the ground that he has lost.

"I always feel sorry when I see a grain-buyer dealing in provisions. It is bad enough to speculate in the commodities concerning which he has the knowledge acquired in trade; but when it comes to pork or lard he might as well be buying gold mining stocks. Even if he wins he will lose in the end. With all my experience, and you may call that considerable. I have never known it to

he wins he will lose in the end. With all my experience, and you may call that considerable, I have never known it to be permanently different in any one case. My own money has been made in legitimate trade; I haven't speculated since I was twenty-four or five years less old and lost the little pile that it had taken me seven years or more to save."

The May report of the Department of Agriculture will cover only the condition of winter wheat, winter rye, meadow mowing lands and spring pasture, the aban-donment of winter wheat area and the proportion of spring plowing already done.





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Brown & MILLER, Managere.

The Insurance Problem.

By H. E. M.

On the train, the other day, I found myself in conversation with a gentleman from Pittsburg who represented one of from Pittsburg who represented one of the large manufacturing industries which center in that city, and the subject of in-surance was brought up. This is some-thing with which I had supposed myself to be tolerably familiar; but, after listen-ing to a few casual remarks, it began to dawn on me that here was something to be learned, and I began to angle for some of the information that my chance acof the information that my chance acquaintance evidently possessed.

It appeared that his company had decided to carry its own insurance, by creating a fund for that purpose, which they believed themselves to be in a good position to do by reason of the number and scattered location of their plants, as well as the fact that the fire hazard had been reduced to a minimum; and my informant stated that, while such a course would be utterly impracticable and in fact suicidal for the average property-owner, he considered that it might be virtually imitated by insuring in well-managed mutual companies, where the premiums paid approximated the actual cost of the protection afforded.

In this one word "cost" is the gist of the matter. While I was aware that the rates of the old line companies have been advanced to alarming proportions, I had felt that they were to a large extent justified by the enormous losses of the past few years, and I still hold that view; but I had never stopped to figure out indeed, I was not in a position to do sohow the actual cost to these companies of carrying the insurance compared with the cost of the same protection in a mutual company. My acquaintance, however, had made a study of the question in the interest of his employers, and his results carefully compared with those of others working along the same line. The others working along the same line. The conclusion then reached had been as above stated. What he told me I will not venture to repeat, for fear of stating it incorrectly; but I was convinced that those who put their insurance in reliable mutual companies, such as the ones whose names are well-known to proprietors of mills and elevators, can obtain the same protection as that given by a the same protection as that given by a line company, not only at a saving of somewhat exorbitant profits, but also at a further material reduction representing the actual difference between the cost to the one and the cost to the other.

Anyone can see, with a moment's reflection, that the line companies are obliged to make an enormous outlay for high-salaried officials and clerks, office expenses, traveling expenses, percentages to agents, etc., including the management of the immense reserve funds, surpluses and profits, all of which have to come out of the policy holders. Compare this with the more modest requirements of a mutual company, and, without putting down any figures, it is at once apparent that there must be a great difference. Why should not the policy-holders save this difference?

Of course, there are mutuals and mutuals and many companies calling them-selves such that are merely Lloyds or wildcat concerns. Dealers must be care-ful to distinguish between these. For my part. I believe that it is best in every case to place insurance only in those that

take risks directly connected with the

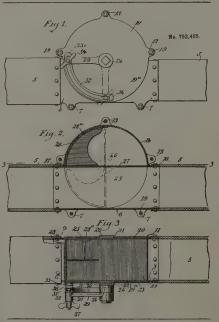
grain, milling or cereal trade.

It will certainly pay every dealer to give this subject a thorough investiga-

Grain Valbe.

A grain valve which has been designed to avoid the crushing of the grains when closed is shown in the engraving herewith. Fig. 1 is a side elevation, Fig. 2 a vertical section and Fig. 3 a horizontal section, with the gate in closed position.

section, with the gate in closed position. When open, as in Fig. 2, the passage-way thru the valve is fully equal to the spout section, and without openings or ledges of any kind to impede the free passage of the grain. To close, the thumb screw 37 is loosened and the arm 29 depressed, bringing the quadrant 28 and the division plate 27 into the position shown by the dotted lines. During this movement the edge of the gate moves in the arc of a circle, and the pressure of the



grain is on the quadrant cylinder 28. The gate is fastened in any position between open and shut by means of the thumb

Geo. J. Noth, of Davenport, Ia., has been granted letters patent, No. 752,465, on the improved valve.

"Wheat Growing in Canada" is the subject of an extensive article in the April number of the Canadian Magazine, by Wm. Saunders, director of the Dominion experimental farms.

Philippine imports of beans and peas during the II months prior to Dec. I amounted to 65,450 bus.; compared with 116,210 bus. for the corresponding months of 1902, as reported by the War Depart-

Exports of linseed oil cake during the 8 months prior to Mar. 1 were 483,689,655 pounds; compared with 342,587,817 pounds for the same period of 1902-3, as reported by O. P. Austin, chief of the bureau of statistics.

Insurance While Building.

By C. A. McCotter.

While it is only occasionally that one hears of a fire destroying an elevator before it is completed, yet such losses do occur sometimes with a very demoralizing effect. One of the chief reasons for insurance is to have protection against fire losses from causes beyond one's control. The need of such protection is illustrated in the loss record of every inillustrated in the loss record of every insurance company, and in the large conflagrations started from a single fire. While an elevator is being built the cwner generally has the least control over the property. Even though the work is not entirely in the hands of a contractor, and structure weathern the amount tractor and strange workmen, the amount of litter and shavings with the open condition of an uncompleted building, makes the spark hazard unusually hazardous. A new building is generally the playground for children and the loafing place evenings and Sundays for inquisitive people.

The danger of the "Carpenter Hazard"

is recognized by the insurance companies who in their policy contracts limit without notice to the company, the employment of mechanics to fifteen days in any one year. The danger is also appreciated by the professional elevator builder, who sees that he is protected either by in-surance or by the terms of the building contract. Upon the other hand, it is not common to find the elevator owner with any protection until two or three weeks before the completion of the plant, when he places the permanent insurance at the operating rate with a permit to complete, and, for a short time, pays as much as he would have to pay for a two months' "Builder's Risk Policy."

"Builder's Risk Policy."

The better proposition would be to buy a "Builder's Risk Policy" as soon as the bulk of material is upon the ground. Use a policy of such an amount as will be of sufficient protection for the machinery and supplies added later. Unless there is a positive knowledge of the time required to complete the building, it is better to buy a policy for one year; then at the time of cancellation the cost would not be more than to at first take out a policy for a short term. A policy out a policy for a short term. A policy for one year will keep you protected dur-ing the delay occasioned by lack of material or labor.

In planning to build an elevator every grain dealer makes his financial arrangegrain dealer makes his financial arrangements upon the expectation of completing and operating the plant at a certain date. A destruction by fire before the plans are consummated is often very demoralizing. Lack of ready cash to rebuild by the time intended will at least reduce the profits anticipated for the season, while it often means the entire abandonment of building. The most successful grain dealers are those sure of their ground as they advance, and who take advantage of every safeguard.

Imports of beans and peas during the 8 months prior to Mar. 1 were 705,359 bus.; compared with 917,518 bus. during the corresponding months of 1902-3, as reported by O. P. Austin, chief of the bureau of statistics.

Rice imports into the Philippine Islands during the II months prior to Dec. 1 were 720,839,790 pounds; compared with 583,193,708 pounds for the same months of the preceding year, as reported by the War Department.

Indiana Millers Mutual Fire Insurance Company of Indianapolis, Ind.

MILLS AND ELEVATORS ONLY

PURELY MUTUAL.

E. E. PERRY, Secretary.

MILL OWNERS MUTUAL FIRE INSURANCE CO. Des Moines, Iowa.

Insures Mills, Elevators, Warehouses and Contents. Oldest Flour Mill Mutual in America. Saved to Members nearly \$1,000,000.

J. G. SHARP, Secretary, Des Moines, Iowa.

ELEVATOR UNDERWRITERS AT GRAIN DEALERS EXCHANGE

are elevator owners who are exchanging indemnity with each other :: :: :: ::

In the absence of fire the insurance costs nothing beyond running expenses.
Elevator owners of commercial integrity, with suitable
risks, may become subscribers :: :: :: ::

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ATTORNEY AND MANAGER
409 KEMPER BLDG., KANSAS CITY, MO.

Reliable Insurance..

On Modern elevators and Contents can be secured at about one-half the rates charged by stock companies by addressing

MILLERS NATIONAL INS. CO.

205 La Salle Street, CHICAGO, ILL.

Thartered 1865 Assets, \$3,380,676.56

Not Cash Surplus, \$466,594.95

W. L. Barnum, Sec'y.

MICHIGAN MILLERS

MUTUAL
FIRE INSURANCE CO.,
LANSING, MICH.

23 Years Successful Business

50% DIVIDENDS

INSURANCE AT ACTUAL COST

For nearly SEVEN years the cost for Insurance in the GRAIN SHIPPERS MUTUAL FIRE INSURANCE ASSOCIATION has never exceeded THREE-FOURTHS of the rate.

If Our Agent Does Not Call, Write to

F. D. BABCOCK, Sec'y.,

IDA GROVE, IA.

Losses paid, \$125,000

Risks in force, \$5,900,000



Burning of Smith & Lewis' Elevator at Keota, Iowa.

WILL YOURS BE THE NEXT?

COVER your elevator with a policy written by this company and protect yourself; you cannot afford to do otherwise when you consider the cost as compared with the loss.

GRAIN DEALERS NATIONAL MUTUAL FIRE INSURANCE COMPANY INDIANAPOLIS, INDIANA.

Insuring property of Grain Dealers only, we offer inducements for fire insurance that cannot be surpassed. Write today, giving the dates your present insurance expires and we will submit a proposition that will save you money.

C. A. McCOTTER, Secretary.

HITTIN' THE BULL'S EYE.

Did you ever notice a company of men practicing on a target?

Some pick up any old gun, carelessly take aim and "let fly," never having any faith in either the gun or themselves.

Do they hit the bull's eye?

Seldomly

Some look over all the different kinds of weapons they have to choose from, two or three times, and then pick out the poorest one, squint the off-eye so hard as to make the other one see crooked: and when they sight the bull's eye, get scared and pull the trigger so hard that they jerk the gun out of range and of course miss it by a rod.

But there are others who pick the weapon with judgment, grasp it firmly and with confidence, take aim, and when the object is within range, carefully pull the trigger and—biff!

hit it; and they can do it nine times out of every ten they try.

Sometimes, though, even good marksmen get careless and just when the critical time comes miss it. "Sully" did.

Mâybe he was too cock-sure, having hit it regularly so many times.

Are you "hittin' the Bull's Eye" in your business?

"Hittin' the Bull's Eye" in business is aiming at the thing you want to do, and then "fetching it."

Many a man thinks he can be careless about minor matters, only considering greater matters worth being careful about.

That's a dangerous practice.

There is many a thing connected with the "Grain Dealers" business that may be considered a minor matter by some, but which in reality affects the business to such a degree that the whole business depends on it.

From the smallest to the largest, the man who "hits the bull's eye" the most times scores biggest.

Whether you aim at wanting to buy or sell an elevator; or a machine of any kind, either first or second hand; or whether you want a partner or help or a better job, you want to hit whatever you aim at.

want to hit whatever you aim at.

It is necessary to the business;
because when you want anything in
the Grain Business you want it
"Bad."

The Grain Dealers Journal is a good weapon with which to fetch down the game.

With a little care on the part of the marksman, it will "hit the bull's eye every time."

Why! in some cases where the "shooter" was extra careless, it has been known to shoot around the corner and bring down the game just the same.

Once a man chooses it for his "weepin" and aims it at the game, the game can't get away.

Last year over 2,700 people in business "hit the Bull's Eye" by using the "Want and For Sale" Department of the Grain Dealers Journal and that was more than 500 more than the year before; that's why so many grain dealers are much better off than they were before.

There are so many good offers in the "Want and For Sale" department that it has become favorite reading to about every one who can get hold of the paper; and that's why it "Hits the Bull's Eye."

Pretty nearly every elevator that is for sale in this country is advertised in our Classified department; must be some reason for it.

If for any reason you want to sell out and get into a bigger field, or different location, all you have to do is to advertise the fact in our Classified department, and presto! "it's did;" that's what other Grain Dealers do.

A Good Country for a Young Man.

If Horace Greeley were alive to-day, he would amend that oft-quoted advice of his to read: Go Southwest, young man, go Southwest.

The Southwest is the young man's country. It is growing faster and building on a firmer foundation than any other portion of the United States. Take Oklahoma, for example: Population in 1890, 385,000; to-day, nearly 700,000.

The reason? Good soil, good climate, good citizens
—a trinity that makes a "good country."

Arkansas, Indian Territory and Texas will duplicate Oklahoma's record, and the young man who is looking for an opening—professional, agricultural or business—will do well to consider them carefully.

Descriptive literature—the kind you can depend upon —mailed on request.



JOHN SEBASTIAN,

Passenger Traffic Manager,
CHICAGO, ILL.



Relative Merits of Two-Cycle and Four-Cycle Gasoline Engines.

The buyer who is not well informed sometimes finds it difficult to choose between a 4-cycle and a 2-cycle gasoline engine. Rival salesmen will present arguments supported by proof that their own engine possesses special advantages.

In the construction of gas engines the material and workmanship are so important that a poorly built engine, tho well designed, may be very inferior from an economical operating standpoint to a well made engine of bad design. Usually, good design and good workmanship go together. It is in the cheap farm engines that we find the worthless combination of bad design and poor material. After having satisfied himself that the engines offered are of approved workmanship the buyer should consider whether the 4-cycle or the 2-cycle style is best suited to the work he expects it to do.

to do.

The 4-cycle engine is more economical in the consumption of gasoline. The best 2-cycle engines have hard work to equal the economy of the 4-cycle. Ordinarily a 2-cycle engine will consume 2 to 2½ gallons of gasoline per 10 hours per horse power; while the 4-cycle engine uses only about 1¼ gallons of gasoline per 10 hours per horse power. The greater the horse power the more serious becomes the fuel question, hence we find 2-cycle engines used mostly in small sizes.

The 2-cycle engine is simpler. The

The 2-cycle engine is simpler. The fact that the piston receives an impulse every two strokes, instead of once in four,

gives the engine a steadier speed. On this account it is easier for the builder to design an engine of this type; it can be made lighter for the same power, and will cost less. The steadiness of speed, while very necessary for cream separators and electric dynamos, is not indispensable in running grain handling machinery. Some 4-cycle engines have a very good speed regulation.

regulation.

In ease of operation one style of engine has no inherent advantages over the other. Some of the older 2-cycle engines have an inclosed crank case that is objectionable and have a tendency to back-

fire into the air chamber. Modern 2-cycle engines are not objectionable in this respect, and do not require more cooling water than the 4-cycle, as do some of the older types.

Exports of beans and peas during the 9 months prior to Apr. I were 209,432 bus.; compared with 185,283 bus. during the same months of the preceding season.

Broom corn exports during the 9 months prior to Apr. 1 were valued at \$178,733; compared with \$168,628 for the same months of the corresponding period of 1902-3.

WHEN YOU ATTEND

The Grain Dealers' Nat'l Convention

CALL ON THE

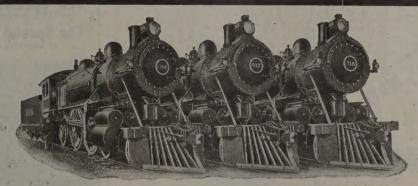
VAN AUKEN=SMITH COAL CO.

310=1=2=3 WELLS BUILDING

And let us show you over the finest business structure in the Northwest.

ALL GRADES OF COAL

Sold at prices materially below those made by the Trust companies.



Three of a Kind

beats many other combinations, and the three famous trains of the Chicago, Milwaukee & St. Paul Railway offer an excellence of service and equipment not obtainable elsewhere. There are many reasons for this, one of which is the fact that this railway operates its own sleeping, dining, library and other cars.

The PIONEER LIMITED, between Chicago, St. Paul and Minneapolis; The OVERLAND LIMITED, Chicago, Omaha and San Francisco; The SOUTHWEST LIMITED, Chicago and Kansas City, offer a variety of routes notable in attractive features. In planning your next trip through the West, why not arrange to go one way and return another?

The representatives at any of the offices of the Chicago, Milwaukee & St. Paul Railway will gladly help you form your itinerary, reserve your berth, check your baggage, and assist you in a hundred other ways. Booklets sent free.

If you contemplate attending the grain dealers convention at Milwaukee in June, make it a point to use one of these three famous trains.

F. A. MILLER General Passenger Agent CHICAGO

Ventilated Corn Cribs.

Recently many dealers have started to shell corn cribbed last winter, and judging from the outside appearance of the corn, presumed that they would be able corn, presumed that they would be able to sell it as No. 3, but some, in getting into the middle of the crib, found the corn too mushy even to shell, so have sold the corn locally for feed at a sacrifice price. Dealers who recently have been amazed by the poor condition of corn in the

will not be able to destroy it. The building should be one foot above ground, so as to permit of the free circulation of air underneath. The floor is made of two layers of flooring, air space being left in

the bottom as shown in plan.

The reason so much corn spoils or heats at the bottom and center of cribs is that the bin is so constructed as to prevent air reaching the corn. With this kind of a bottom air will circulate freely thru the er having corn to crib.

To Owners of Gasoline Engines, Automobiles, Launches, Etc.

The Auto-Sparker Motsinger Device Mfg. Co. 88 Main Street, Pendleton, Ind

Feed Your Boiler with a

tained with ventilated cribs of many other

descriptions, but this one has been tried and proved a success. It is not so ex-pensive as to preclude its use by any deal-

Simplest, Most Satisfactory, Least Expensive.
It is easily taken apart and put together; all
you need is a screw driver to take out the jets.
Starts as low as 18 to 22 pounds of steam; works
as high as 190 to
200 pounds



It lifts water from 20 to 22 feet with 60 to 100 pounds steam pressure, and under same pressure handles hot water of 120 to 125 degrees.

The Desmond will grade lower than any other Injector made.

SOLD UNDER AN ABSOLUTE GUARANTEE.

WRITB FOR CATALOGUE.

Desmond-Stephan Mfg. Co. URBANA, OHIO.

"The Special Car Mover" "The Special Train Mover" IT SHOULD BE STYLED



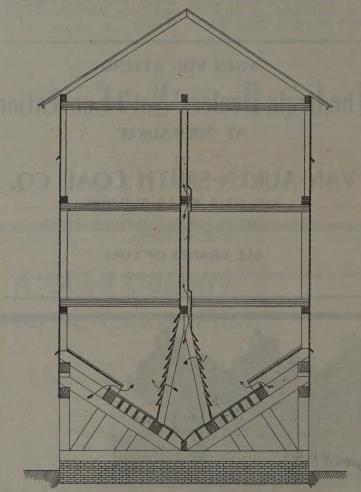
SHIPPED ON TRIAL

Does not work on rail and expend its power at nearly dead center, but has advantage of full length of crank or radius of wheel. Moves a car 6 to 12 inches at each stroke on a level track. Price \$5.00 F.O. B. Odebolt, Icwa. Shipped C.O.D., subject to 10 days' trial and acceptance.

THE CONVEYOR CAR LOADER Leads in its line. Carries grain from chutes that are low down and any distance from track. The new plan rope-drive connections furnished solves problem of loading from any number of chutes. Shipped on trial.

THE INCLINE ELEVATOR AND DUMP and Storage System is the best and cheapest ear corn and small grain storage. Grain deal-ers, feeders and farmers plants solve the prob-lem of cribbing ear corn, etc., without shovel-ing. Attracts the most profitable part of the business. Write for full particulars.

IOWA GRAIN & MFG. CO., Odebolt, la.



Plan of Ventilated Corn Crib.

middle of crib, could prevent a recurrence of this loss, by building ventilated corn or this loss, by believing each crib with ventila-tors. Some dealers prevent this trouble by laying tile lengthwise and crosswise of cribs thru corn, at intervals of three feet, so that the tile carry air thru the corn. Others place large sewer tile upright, with opening at bottom for the admission of air.

A far better way than this is to build cribs which will permit of the free circulation of air about the corn. This will insure every crib being guarded well and prevent a recurrence of the heavy losses suffered this year.

Herewith we present a cut of a venti-lated corn crib, designed by the Reliance Mfg. Co. The foundation should be a solid wall, laid in mortar, made of equal parts lime and portland cement. This will prevent settling and if the mortar is made of cement and lime, as specified, the rats

The crib should not be over 16 feet wide The crib should not be over 10 feet wide and may be built any depth or length desired. The passage way thru center of crib shud be boarded with inch stuff, and a narrow air chamber extend up to top thru middle of crib, it being formed of I x 6 inch beveled crib slats, placed one inch apart. The opening at the bottom is 2 feet by 3 feet and is large enuf at the top to draw a current of air thru the grain top to draw a current of air thru the grain continuously.

The siding on the outer walls of the crib is closely matched from top down, about 6 or 8 feet to a water table. For the remainder of the distance, down to the second water table, the outer walls are sided with Ix6 inch beveled crib slats, placed one inch apart.

The roof is made of wood and covered with either iron or gravel. The eaves shud project at least 20 inches.

No doubt the same results can be ob-

The GRAIN JEALERS JOURNAL.

Millers who Install **JEFFREY CONVEYORS**

RECOMMEND THEM

Sections of different lengths to suit varied conditions.



The JEFFREY MFG. CO.

COLUMBUS, OHIO, U. S. A.

Do You Want

The grain trade news? Then subscribe for the GRAIN DEALERS JOURNAL. Twice each month for **\$1.00** per year.

Colorado

That's the title of a handsome new book of seventy-two pages, beautifully printed, bound and illustrated; fifty-six pictures of Colorado's matchless mountains, canons, streams, lakes and forests.

The book is written in a most delightful vein, and gives pleasing glimpses of a mountain world whose colossal beauty never wearies or changes or grows old. A splendid map of Colorado is appended.

It is not a guide book, but contains a few paragraphs about the best way to reach Colorado from everywhere east and southeast via Chicago or St. Louis (Louisiana Purchase Exposition) and the Burlington Route, with its splendidly equipped one-nighton-the-road fast express trains.

Mailed anywhere upon receipt of ten cents in stamps or coin.



P. S. EUSTIS, Passenger Traffic Manager P4 CHICAGO.



The Gas and Gasoline Engine and Its Age

Is a practical hand book of questions and answers on difficult problems, which may arise in the care and operation of a Gas or Gasoline Engine. It is a reference book for users and those contemplating the purchase of a gas or gasoline engine.

It is well bound in cloth covers, printed on book paper and of convenient size. Profusely illustrated. Price, \$1.00.

GRAIN DEALERS JOURNAL.

255 La Salle St., Chicago, Ill.



Steel Roofing, Siding and Ceiling

Complete with nails and painted both sides

\$1.90 per 100 Square Feet

to all points within a radius of 500 miles of Chicago. Prices to other points on application. We can furnish imitation Brick Siding, Beaded Ceiling and Siding, V Crimped, Pressed Standing Seam, or any style covering desired. We also carry in stock a full line of Felt Coverings and Building Papers. Our Catalogue quotes exceedingly low prices on Boilers, Engines, Pumps and Machinery in general; Belting, Shafting, Hangers, Pulleys and Mill Supplies of all kinds; Plumbing Material for Factories and Residences; Heating Propositions, Hardware, Wire, Nails, etc., Pipe, Valves and Fittings, and a thousand different things that you are constantly purchasing. We can save you money on your purchases. Write us today.

Chicago House Wrecking Co., Chicago



WEST AND NORTHWEST OF CHICAGO which reaches the famous

> WATER POWERS. COAL FIELDS, IRON ORE RANGES, HARD AND SOFT LUMBER DISTRICTS

of the West and Northwest, and affords the best means of transportation to the markets of the world.

For further particulars apply to

MARVIN HUGHITT, Jr., E. D. BRIGHAM, Freight Traffic Mgr. Gen. Freight Agt. CHICAGO

LOCATIONS FOR **ELEVATORS**

In Illinois, Iowa and Minnesota on the line of the

Chicago Great Western Ry.

Opportunities for men with capital to invest in paying modern elevators. No section of the country is so free from crop failures. Write for maps and full information.

W. J. REED,

Industrial Agt., C. G. W. Ry. 604 Endicott Bldg. St. Paul Minn.

The GRAIN CALERS JOURNAL

Corn and Feed Mills



to have one in connection Pays with an elevator, and to have the BEST one.

Ours has no equal in STRENGTH, DURABILITY, EFFICIENCY, CONVENIENCE, CAPACITY, and QUALITY OF WORK.

Prices Very Reasonable.

Allis-Chalmers Company

GENERAL OFFICES:

New York Life Bldg.,

CHICAGO, ILL.

What Saith the Rooster?

Cocka doodle du.

And the old maid? Any dude 'll do.

The condition here suggested is both critical and unfortunate. Doubtless, however, it could have been avoided had the lady taken advantage of her opportunities. Perhaps you are now in the market for a Dust Collector and an opportunity is offered to get the best. "Any" should not do when you can



H. L. DAY, III8-26 YALE PLACE,

MINNEAPOLIS, MINN.

POSTAL FOR BOOKLET.



Are You GOING TO BUILD A GRAIN ELEVATOR

THIS SEASON?

OR OVERHAUL YOUR PRESENT ONE?

If so send us your specifications, whether great or small, and watch results. We will immediately forward you a net proposition that will justify you in placing your order for the entire outfit with us.

We Can Save You Money

by furnishing first-class machinery at close prices

We Are Specialists in Elevator Machinery

WELLER MFG. CO.

118-126 North Avenue

Chicago, Ill.



MANY A DOLLAR

IS SAVED

When Your Elevator is Equipped with

Webster Machinery

How many dollars are you out by the breaking of cheap, inferior ma-chinery; or by not having your ma-

chinery shipped promptly?

Figure them up. You will then realize the advantage of placing your order for Elevator Machinery this year with us.

We are makers of the latest Grain Elevator and Power Transmitting Machinery.

Send for our new Catalog No. 21 of Belt Conveying Appliances.

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